

Mathematical Reviews

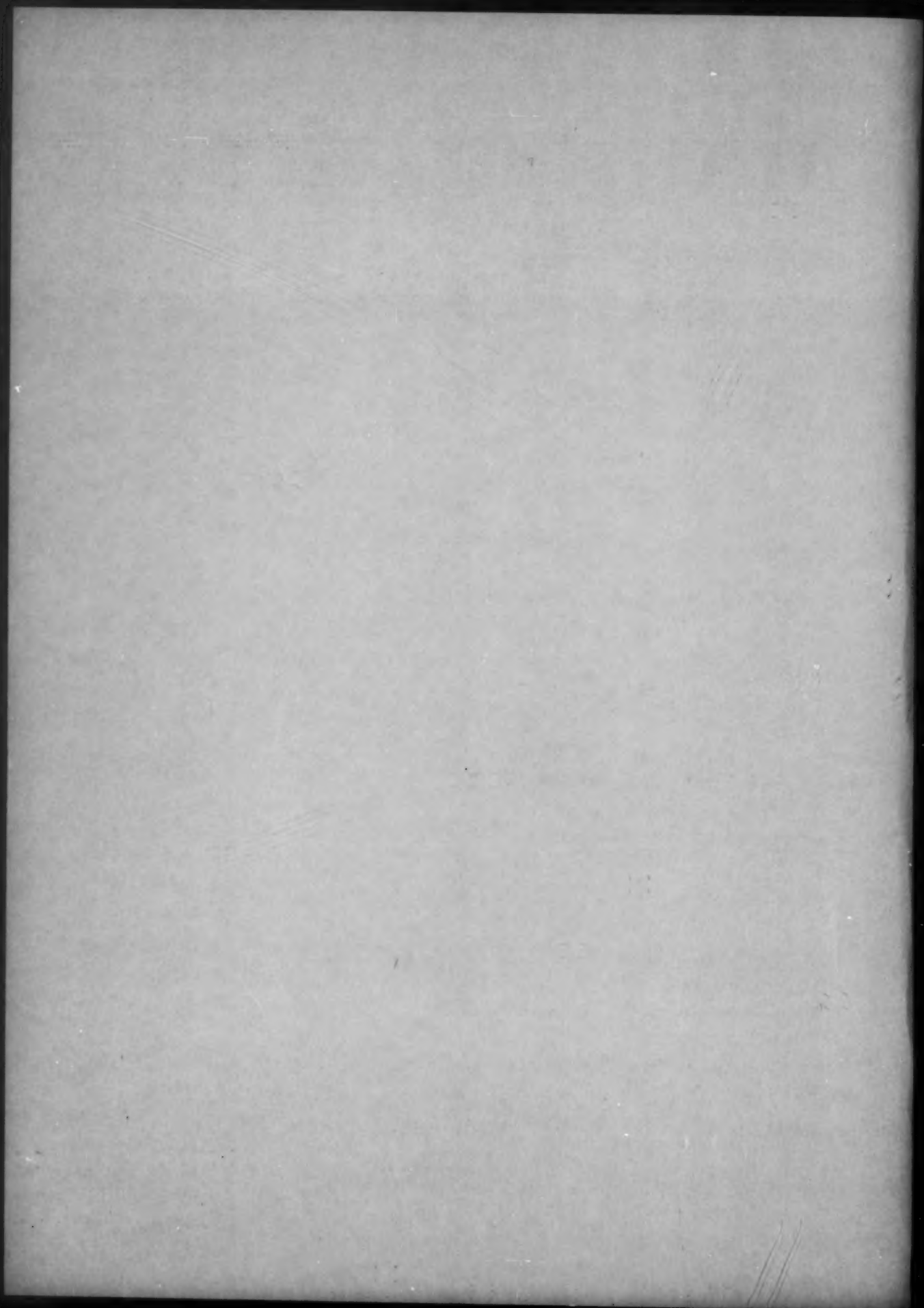
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SUBJECT CLASSIFICATION

This is a list of headings, with code numbers, under which articles were classified during the second half of 1972. The headings in capital letters are identical with those appearing in the monthly issues.

00. GENERAL

- 00 General mathematics
- 04 Collections of papers: Proceedings of conferences of general interest, translation volumes, etc. (See also 01.60)
- 20 General bibliographies
- 30 Dictionaries and other general reference works
- 50 Methodology and philosophy of mathematics

01. HISTORY AND BIOGRAPHY

- 01 General histories, source books
- 02 Primitive
- 05 Pre-Greek, Babylonian, Egyptian
- 08 Greek
- 10 Far East
- 12 Islam
- 15 Medieval
- 18 15th and 16th centuries, Renaissance
- 20 17th century
- 25 18th century
- 30 19th century
- 35 20th century
- 40 Contemporary
- 50 Biographies, obituaries, personalia
- 60 Collected or selected works; reprintings or translations of classics

02. LOGIC AND FOUNDATIONS

- 10 Classical deductive systems, general
- 12 Propositional calculus, two-valued
- 16 Predicate calculus
- 18 Classical proof theory
- 20 Non-classical logic, general
- 23 Intuitionism
- 25 Many-valued logic
- 27 Modal logic
- 30 Formal syntax and linguistics, general
- 32 High-order languages
- 35 Infinitary languages
- 38 Languages with additional quantifiers
- 40 Algebraic logic, general
- 42 Boolean algebras, lattices, topologies
- 45 Algebra of relations
- 48 Cylindric and polyadic algebras
- 50 Model theory, general
- 52 Semantics and metamathematics, categoricity
- 54 Axiomatics and applications, decision methods
- 57 Non-standard models
- 60 Axiomatic set theory, general
- 63 Formalization of set theory
- 65 Consistency, independence, existence
- 68 Measurability, accessibility, other special questions
- 70 Recursive function theory, general
- 72 Arithmetic and recursive analysis
- 74 Undecidability
- 75 Unsolvability in mathematical systems
- 77 Hierarchies
- 80 Algorithms and machines, general
- 82 Turing, Post, Thue schemes
- 85 Combinatory logic
- 88 Abstract automaton theory (See also 94.40)

04. SET THEORY

- 15 Point sets
- 20 Relations (See also 06.20)

30 Transfinite numbers

- 40 Descriptive set theory; Borel classifications, Suslin schemes, etc. (See also 28.10)
- 60 Combinatorial (See also 05.04)

05. COMBINATORIAL THEORY, GRAPH THEORY

- 04 Combinatorial choice problems; subsets, representatives
- 05 Factorials, binomial coefficients, combinatorial functions
- 10 Combinatorial enumeration problems, generating functions
- 15 Combinatorial inequalities
- 20 Block designs (See also 62.61)
- 22 Difference sets (number-theoretic, group-theoretic, etc.)
- 24 Orthogonal arrays, Latin squares
- 25 Matrices
- 27 Finite geometries (See also 50.60)
- 30 Other designs, configurations
- 35 Matroids, geometric lattices
- 40 Graphs, general theory
- 45 Trees
- 50 Topological graph theory, embedding (See also 55.10)
- 55 Chromatic theory of graphs and maps
- 60 Directed graphs (digraphs)
- 62 Graphs and groups
- 65 Enumeration of graphs and maps

06. ORDER, LATTICES, ORDERED ALGEBRAIC STRUCTURES

- 10 Total order
- 20 Partial order
- 30 Lattices, generalizations
- 35 Complemented lattices, generalizations
- 40 Modular lattices, continuous geometries, generalizations
- 50 Distributive lattices, generalizations
- 60 Boolean algebras and rings
- 65 Order topologies (See also 54.56)
- 70 Ordered semigroups, other generalizations of groups
- 75 Ordered groups
- 78 Ordered abelian groups
- 80 Ordered linear spaces (See also 46.06)
- 85 Ordered rings, algebras, modules (See 12.70 for ordered fields)
- 90 Other ordered algebraic structures

08. GENERAL MATHEMATICAL SYSTEMS

- 10 Concrete categories, structures (See also 18.10)
- 20 Laws of composition
- 30 Universal algebra, general algebraic structures
- 40 Other

10. THEORY OF NUMBERS

- 01 General books
- 02 Tables
- 03 Computations
- 05 Elementary number theory, general
- 06 Congruences, residues
- 07 Special functions and sequences
- 08 Elementary prime number theory
- 09 Expansions and algorithms
- 10 Diophantine equations, general
- 11 Linear and quadratic equations
- 12 Cubic and quartic equations
- 13 Equations of higher degree
- 14 Local (p -adic) theory
- 15 Forms, general
- 16 Quadratic, Hermitian forms
- 17 Forms of degree ≥ 3
- 18 Multilinear forms

SUBJECT CLASSIFICATION

- 20 Modular functions and forms, automorphic functions (See also 20.65, 30.49, 32.65)
 - 21 Modular group, modular functions
 - 22 Automorphic forms, one variable
 - 23 Several variables
 - 25 Geometry of numbers
 - 30 Diophantine approximation
 - 31 Linear approximation, continued fractions
 - 32 Algebraicity, irrationality and transcendence
 - 33 Distribution modulo 1, normal numbers
 - 34 Analytic and p -adic theory
 - 40 Analytic multiplicative theory, general
 - 41 Analytic tools (Zeta- and L -functions, exponential sums, etc.)
 - 42 Distribution of the integers with specified multiplicative structure (including primes)
 - 43 Number-theoretic functions
 - 45 Analytic additive theory, general
 - 46 Sums of powers, generalizations
 - 47 Additive questions concerning primes
 - 48 Partitions, generating functions
 - 49 Sequences
 - 50 Probabilistic number theory
 - 55 Combinatorial problems in number theory (See also 05.00)
 - 60 Sequences of integers, general
 - 61 Recursive and other special sequences
 - 62 Addition of sequences, basis, essential components, etc.
 - 63 Density of special sequences
 - 64 Sieves
 - 65 Algebraic number theory, general (See also 12.50)
 - 66 Individual algebraic number fields (quadratic, cubic, cyclotomic, Kummer, etc.)
 - 67 Local theory (valuations, finite extensions of p -adic fields)
 - 68 Class field theory, complex multiplication
 - 69 Arithmetic of general rings
 - 75 Arithmetic theory of algebraic objects
 - 76 Polynomials
 - 77 Finite fields, power series fields
 - 78 Valued fields, algebraic functions fields
 - 79 Matrices
 - 80 Decidability, other logical questions
12. FIELDS AND POLYNOMIALS
 - 10 Division rings (See also 16.46)
 - 20 Finite fields (See also 10.77)
 - 25 Polynomials over finite fields
 - 30 Polynomials
 - 40 Galois theory (See also 12.80, 13.70, 16.70)
 - 45 Algebraic extension fields
 - 50 Algebraic number fields (See also 10.65)
 - 70 Valuations, topological fields, ordered fields (See also 10.78, 13.98)
 - 75 Transcendental extension fields
 - 78 Algebraic function fields (See also 10.78, 14.35)
 - 80 Differential and difference algebra; differential Galois theory
13. COMMUTATIVE ASSOCIATIVE RINGS AND ALGEBRAS (See also 16.00)
 - 10 General theory
 - 15 Integral domains, unique factorization domains
 - 20 Ideal theory
 - 25 Chain conditions; Artinian rings, Noetherian rings
 - 30 Radical theory
 - 40 Modules, representation
 - 50 Structure, classification
 - 60 Automorphisms, derivations
 - 70 Galois theory
 - 80 Extension theory
 - 90 Homological methods
 - 93 Rings of polynomials, formal power series
 - 95 Local rings
 - 98 Valuations (See also 12.70)
14. ALGEBRAIC GEOMETRY
 - 01 Algebraic varieties in real and complex spaces, classical algebraic geometry
 - 05 Algebraic geometry over abstract fields and rings, general
 - 08 Foundational questions
 - 10 Theories of equivalence
 - 15 Transformations and correspondences
 - 18 Singularities
 - 20 Algebraic curves, surfaces and special varieties
 - 35 Algebraic function fields (See also 10.78, 12.78)
 - 40 Arithmetic properties of varieties
 - 45 Rationality questions
 - 47 Weil conjectures, Riemann hypotheses
 - 48 Zeta functions for varieties (including mod p questions)
 - 49 Geometric analogues of arithmetic questions
 - 50 Group varieties (algebraic groups), abstract analytic groups
 - 51 Abelian varieties
 - 52 Abstract derivations and differentials
 - 55 Sheaf-theoretic and homological methods
15. LINEAR AND MULTILINEAR ALGEBRA, MATRIX THEORY
 - 05 Vector spaces, linear dependence, rank
 - 10 Linear equations
 - 15 Matrix inversion, generalized inverses
 - 20 Determinants, permanents, other special matrix functions
 - 25 Eigenvalues and eigenvectors
 - 30 Canonical forms, reductions, classification
 - 35 Matrix equations and identities
 - 38 Commutativity
 - 40 Algebraic systems of matrices (See also 16.48, 20.75)
 - 45 Matrices over special rings (quaternions, finite fields, etc.)
 - 48 Matrices of integers (See also 10.79)
 - 50 Linear inequalities
 - 55 Inequalities involving eigenvalues and eigenvectors
 - 58 Miscellaneous inequalities involving matrices
 - 60 Positive matrices
 - 65 Stochastic matrices
 - 70 Quadratic and bilinear forms, inner products
 - 75 Clifford algebras
 - 80 Multilinear algebra, tensor products
 - 85 Vector and tensor algebra, theory of invariants
 - 90 Exterior algebra, Grassman algebras
16. ASSOCIATIVE RINGS AND ALGEBRAS (See also 13.00)
 - 10 General theory
 - 15 Integral domains, unique factorization domains (non-commutative)
 - 20 Ideal theory
 - 25 Chain conditions; Artinian rings, Noetherian rings
 - 30 Radical theory
 - 32 Nil, nilpotent, radical rings
 - 40 Modules, representation
 - 42 Primitive rings
 - 44 Semisimple rings
 - 46 Simple rings, division rings
 - 48 Matrix rings
 - 49 Rings with polynomial identity
 - 50 Structure, classification
 - 53 Prime rings
 - 55 Rings with annihilator conditions
 - 56 Regular rings
 - 58 Rings with involution
 - 60 Automorphisms, derivations
 - 70 Galois theory
 - 80 Extension theory
 - 90 Homological methods
 - 94 Finite rings
 - 96 Semirings, other generalizations of rings (See also 08.00)
 - 98 Topological rings

17. NONASSOCIATIVE RINGS AND ALGEBRAS

- 10 General
- 20 Power associative
- 30 Lie (See also 22.80)
- 40 Jordan
- 50 Alternative
- 60 Other

18. CATEGORY THEORY, HOMOLOGICAL ALGEBRA

- 10 Abstract categories and functors (See also 08.10)
- 15 Abelian categories
- 20 Homological algebra

20. GROUP THEORY AND GENERALIZATIONS

- 08 Varieties of groups
- 10 Group presentations; free groups, generators, relations
- 15 Periodic groups
- 18 Groups with local properties
- 20 Groups acting on sets, permutation groups
- 22 Automorphism groups
- 25 Finite group theory
- 27 Structure of groups, classification
- 29 Simple groups
- 30 Abelian groups
- 40 Nilpotent, solvable, p -groups
- 43 Sylow subgroups, Γ -subgroups
- 48 Group extensions
- 50 Homological methods in group theory
- 51 Limits of systems of groups
- 52 General products of groups (including semi-direct, wreath, free, amalgamated)
- 54 Special subgroups
- 56 Series of subgroups
- 58 Lattices of subgroups
- 60 Crystallographic and discrete geometric groups
- 65 Modular groups, discrete subgroups of classical groups
- 70 Classical groups (See also 22.55)
- 72 Collineation groups
- 75 Linear groups, general (See also 14.50)
- 80 Representations, characters, group algebras
- 85 Representations of symmetric groups
- 90 Semigroup algebras, representations, characters
- 92 Semigroups, general theory (See also 06.70)
- 93 Semigroups, structure and classification
- 95 Other binary systems; groupoids, quasigroups, loops
- 97 Ternary systems; heaps, semiheaps, heapoids
- 98 n -ary systems (See also 08.00)

22. TOPOLOGICAL GROUPS AND LIE THEORY

- 05 Topological semigroups and other generalizations of groups
- 10 Topological groups
- 20 Locally compact groups (See also 28.75 for Haar measure, 42.50 for LCA groups)
- 40 Transformation groups (See also 54.80, 54.82, 57.47)
- 50 Lie groups
- 55 Classical groups (See also 14.50, 20.70)
- 57 Representations and analysis of classical groups (See also 81.22)
- 60 Representations and analysis, general
- 65 Harmonic analysis on non-abelian groups (See 42.50 for LCA groups)
- 70 Homogeneous spaces, symmetric spaces (See also 53.66, 53.73, 57.45)
- 80 Lie algebras of Lie groups (See also 17.30)
- 90 Other Lie theory

26. FUNCTIONS OF REAL VARIABLES

- 10 Foundations: limits and generalizations, elementary topology of the line

20. Calculus

- 21 Elementary functions
- 30 Continuity and related questions (modulus of continuity, semicontinuity, discontinuities, etc.)
- 35 Classification of real functions; Baire classification of sets and functions (See also 28.00)
- 40 Differentiation, general theory; mean-value theorems (See also 28.16)
- 41 Non-differentiability (non-differentiable functions, points of non-differentiability), discontinuous derivatives
- 43 Generalized derivatives, derivatives of fractional order
- 44 Antidifferentiation
- 45 Denjoy integral, other special integrals
- 46 Integrals of Riemann, Stieltjes and Lebesgue type (See also 28.00)
- 49 Functions of bounded variation, generalizations
- 50 Monotonic functions, generalizations
- 52 Convexity, generalizations
- 54 Fixed-point theorems
- 55 Several variables, implicit function theorems, Jacobians, transformations with several variables
- 56 Length, area, volume
- 60 Polynomials
- 70 Inequalities (of a general and miscellaneous character)
- 80 Real-analytic functions, C^∞ functions

28. MEASURE AND INTEGRATION

- 10 Classes of sets (Borel fields, σ -rings, etc.), measurable sets, Suslin sets, analytic sets (See also 04.40)
- 13 Real- or complex-valued set functions, contents, measures, outer measures, capacities, etc.
- 16 Abstract differentiation theory, differentiation of set functions (See also 26.40)
- 20 Measurable and non-measurable functions; modes of convergence
- 25 Integration with respect to measures and other set functions
- 30 Integration theory via linear functionals (Radon measures, Daniell integrals, etc.)
- 40 Measures and integrals in product spaces
- 46 Measures and integrals in function spaces, linear spaces; Wiener measure
- 50 Vector-valued measures and integrals, integration of vector-valued functions
- 55 Integration and disintegration of measures, lifting theory
- 60 Measures and integrals with values in general ordered systems
- 65 Measures on Boolean rings, measure algebras
- 70 Measure-preserving transformations, flows (dynamical systems), ergodic theory
- 75 Invariant measures, Haar measure (See also 22.20)
- 80 Length, area, volume; other geometric measure theory

30. FUNCTIONS OF A COMPLEX VARIABLE

- 01 General questions, foundations
- 02 Monogenic properties of complex functions (also polygenic and areolar monogenic functions)
- 09 Inequalities in the complex domain
- 10 Polynomials
- 11 Zeros of polynomials
- 20 Power series
- 21 Behavior on the boundary of convergence. Overconvergence
- 24 Dirichlet series
- 25 Continued fractions
- 28 Analytic continuation
- 30 Sequences and series of analytic functions; uniform convergence, normal families, normal functions
- 35 Integration; integral representations; Cauchy integral, Poisson and Poisson-Stieltjes integrals
- 36 Moment problems; interpolation problems
- 40 Conformal mapping, general theory
- 41 Capacity, harmonic measure
- 42 Univalent functions

SUBJECT CLASSIFICATION

- 43 Coefficient problems
 - 44 Multivalent functions
 - 45 Riemann surfaces, uniformization
 - 46 Algebraic functions, Abelian integrals
 - 47 Quasiconformal mapping
 - 49 Automorphic functions and modular functions
 - 50 Maximum principle. Schwarz's lemma, Phragmén-Lindelöf theorems
 - 52 Extremal problems in the complex domain
 - 55 Entire functions, general theory
 - 56 Entire functions, representation by Dirichlet series
 - 57 Entire functions, growth estimates
 - 58 Entire functions, distribution of values
 - 60 Meromorphic functions, general theory
 - 61 Distribution of values, Picard-type theorems, Nevanlinna theory, defect (deficiency) theory
 - 62 Theory of cluster sets, prime ends, boundary behavior
 - 65 Bounded functions, positive real part, Blaschke products
 - 66 Bounded mean modulus, bounded characteristic
 - 67 H_p classes and other restrictions
 - 70 Approximation by polynomials and rational functions in the complex domain
 - 75 Boundary value problems, Dirichlet problem
 - 77 Special boundary value problems; Riemann-Hilbert problem. Inverse boundary problems
 - 79 Algebroidal functions
 - 80 Topological function theory, functions topologically equivalent to analytic mappings
 - 81 Generalized analytic mappings. Pseudo-analytic functions of Bers, Vekua, etc.
 - 83 Functions of hypercomplex variables and generalized variables (See also 32.80)
 - 85 Spaces of analytic functions (See also 46.30)
 - 86 Kernel function and applications
 - 87 Algebras of analytic functions (See also 46.55)
31. POTENTIAL THEORY
- 10 Harmonic functions in the plane
 - 11 Harmonic functions, general
 - 15 Subharmonic, superharmonic functions
 - 20 Boundary value problems, Dirichlet problem
 - 21 Capacity and harmonic measure
 - 22 Generalized capacity and potential
 - 30 Biharmonic and polyharmonic functions and equations
 - 35 Poisson's equation
 - 50 Axiomatic potential theory
32. SEVERAL COMPLEX VARIABLES
- 02 Foundations, general questions
 - 05 Polynomials, entire functions
 - 10 Power series, formal theory
 - 15 Integral representations
 - 17 Inequalities
 - 20 Domains of holomorphy
 - 22 Pseudoconvexity
 - 25 Local properties of holomorphic functions
 - 27 Removable singularities
 - 32 Complex symmetric spaces
 - 35 Bergman kernel function
 - 40 Analytic manifolds
 - 44 Analytic varieties
 - 47 Analytic spaces
 - 49 Stein spaces
 - 50 Analytic sheaves and cohomology theory
 - 60 Holomorphic mappings
 - 65 Automorphic functions
 - 70 Approximation theorems
 - 80 Nonarchimedean function theory
33. SPECIAL FUNCTIONS
- 04 Number-theoretic functions, special sequences
 - 10 Exponential and trigonometric functions

- 15 Gamma and beta functions
 - 17 Error function, probability integral
 - 19 Elliptic functions and integrals
 - 20 Hypergeometric functions, generalizations
 - 21 E -functions, G -functions
 - 25 Cylindrical functions; Bessel functions
 - 27 Spherical functions; Legendre polynomials and functions, spherical harmonics, ultraspherical polynomials
 - 28 Lamé, Mathieu, spheroidal wave functions
 - 30 Wave functions
 - 32 Gegenbauer functions
 - 40 Orthogonal special functions and polynomials (Čebyšev, Hermite, Jacobi, Laguerre, etc.) (See also 42.15)
 - 45 Other special functions
 - 50 Special functions and Lie groups
34. ORDINARY DIFFERENTIAL EQUATIONS
- 02 Solutions in closed form; integration by quadratures; reduction of differential equations
 - 04 General existence and uniqueness theorems; continuous dependence of solution on parameter, initial and boundary conditions
 - 06 Differential equations in the complex domain
 - 10 Analytical theory: series, transformations, transforms, operational calculus, etc.
 - 20 Linear equations and systems, general
 - 30 Boundary value problems for linear equations: spectral theory, asymptotic behavior of eigenfunctions, distribution of eigenvalues (See also 47.60)
 - 36 Nonlinear and multi-point boundary value problems
 - 40 Qualitative theory, general
 - 41 Limit cycles, singular points
 - 42 Zeros, growth, oscillation and comparison of solutions
 - 45 Nonlinear oscillations, periodic and almost periodic solutions, integral manifolds, averaging method
 - 50 Asymptotic expansions, asymptotic behavior of solutions, turning points
 - 51 Stability
 - 53 Perturbations
 - 54 Singular perturbations; small parameter with highest derivative
 - 60 Equations and systems with randomness (See 60.75 for stochastic differential equations)
 - 65 Dynamical systems, systems on manifolds
 - 70 Differential equations of infinite order
 - 75 Functional differential equations: differential-difference equations, equations with retarded argument
 - 85 Optimal control problems
 - 90 Differential inequalities
 - 95 Differential equations in Banach and other abstract spaces
35. PARTIAL DIFFERENTIAL EQUATIONS
- 01 Existence and uniqueness theorems, general
 - 02 Successive approximations
 - 03 Cauchy-Kowalewski theorems, series solutions
 - 04 Variational methods, a priori estimates
 - 05 Analytic methods; singularities
 - 06 Other special methods
 - 07 Dependence of solutions on initial and boundary data, parameters
 - 09 Geometric theory, characteristics, transformations
 - 10 Qualitative theory, general
 - 11 Comparison theorems; oscillation, zeros and growth of solutions
 - 12 Periodic solutions
 - 13 Perturbations
 - 14 Singular perturbations, almost periodic solutions
 - 15 Stability and control, boundedness
 - 16 Asymptotic behavior of solutions
 - 19 Differential inequalities; a priori estimates
 - 20 Generalized solutions

SUBJECT CLASSIFICATION

- 21 Embedding theorems, Sobolev spaces (See also 46.38)
 - 23 Pseudodifferential operators (See also 47.65)
 - 24 Regularity of generalized solutions
 - 30 Linear equations and systems, first order
 - 31 Linear equations and systems, higher order
 - 35 Nonlinear equations and systems, first order
 - 36 Nonlinear equations and systems, higher order
 - 37 Cauchy problems
 - 38 Discontinuous coefficients or data
 - 39 Equations and systems with constant coefficients
 - 42 Second order elliptic equations
 - 43 Higher order elliptic equations
 - 44 Elliptic systems (linear or nonlinear)
 - 45 Boundary value problems for elliptic equations
 - 46 Boundary value problems for elliptic systems
 - 47 Quasilinear elliptic equations and systems
 - 48 Hypoelliptic equations and systems
 - 52 Second order hyperbolic equations
 - 53 Hyperbolic systems, hyperbolic equations of higher order
 - 55 Boundary value problems for hyperbolic equations and systems
 - 57 Quasilinear hyperbolic equations and systems
 - 62 Second order parabolic equations
 - 63 Parabolic systems, parabolic equations of higher order
 - 65 Boundary value problems for parabolic equations and systems
 - 70 Equations and systems of mixed type (boundary value problems, etc.)
 - 75 Laplace's equation, reduced wave equation, Poisson's equation
 - 76 Wave equation
 - 77 Schrödinger equation
 - 78 Heat equation
 - 79 Other special equations and problems
 - 80 Eigenvalue problems, spectral theory, eigenfunction expansions (See also 47.65)
 - 88 Difference-partial differential equations; equations with time lag
 - 95 Operator equations, general (See also 34.95)
 - 96 Equations on manifolds
 - 97 Equations in function spaces
39. FINITE DIFFERENCES AND FUNCTIONAL EQUATIONS
- 10 Finite differences, general
 - 20 Difference equations (See also 65.70)
 - 30 Functional equations, general
 - 31 Classical functional equations
 - 33 Linear and multilinear functional equations
 - 35 Functional equations in several variables, systems
 - 37 Matrix functional equations
 - 38 Functional equations on abstract structures
40. SEQUENCES, SERIES, SUMMABILITY
- 10 Series and sequences of numbers, general
 - 11 Infinite products
 - 12 Continued fractions
 - 13 Convergence and divergence
 - 15 Multiple series and sequences
 - 20 Sequences and series of functions, convergence
 - 30 Summability, general methods
 - 31 Summability, matrix methods
 - 32 Cesàro summability
 - 33 Abel, Poisson summability
 - 35 Summability of double series
 - 40 Convergence and summability of integrals
 - 42 Tauberian theorems
 - 46 Functional-analytic methods in summability theory
 - 50 Summability in topological groups, linear spaces, etc.
41. APPROXIMATIONS AND EXPANSIONS
- 10 Interpolation
 - 15 Polynomial approximation (See also 30.70)
 - 17 Approximation by rational functions (See also 30.70)
 - 30 Approximation by other special function classes
 - 35 Approximation by operators (in particular, by integral operators)
 - 40 Best approximation
 - 41 Degree of approximation, rate of convergence
 - 44 Approximate quadratures
 - 50 Asymptotic expansions
 - 55 Constructive theory of functions
 - 60 Abstract approximation theory; approximation in normed linear spaces and other abstract spaces
42. FOURIER ANALYSIS
- 05 Trigonometric polynomials
 - 06 Best approximation by trigonometric polynomials
 - 08 Trigonometric interpolation
 - 10 Fourier coefficients
 - 11 Convergence of Fourier series
 - 12 Absolute convergence of Fourier series
 - 15 Orthogonal functions and polynomials, general (See also 33.40)
 - 16 Expansions in orthogonal functions and polynomials
 - 17 Completeness of sets of orthogonal functions
 - 18 Completeness, closure, spectral synthesis
 - 20 Summability of Fourier and generalized Fourier expansions
 - 25 Fourier transform
 - 26 Other Fourier-type transforms
 - 27 Trigonometric moment problems
 - 30 Almost periodic functions
 - 35 Positive definite functions
 - 40 Multiple Fourier series and integrals
 - 50 Abstract harmonic analysis (Fourier analysis on LCA groups) (See also 22.65)
 - 51 Characters, duality
 - 52 Fourier-Stieltjes transform
 - 54 Positive definite functions on LCA groups
 - 55 Convolution, factorization
 - 56 Measure algebras, group algebras (See also 46.80)
 - 58 Ideals, spectral synthesis
44. INTEGRAL TRANSFORMS, OPERATIONAL CALCULUS
- 10 Laplace transform
 - 25 Convolution
 - 28 General transforms
 - 30 Special transforms: Legendre, Hilbert, etc. (See also 45.33)
 - 32 Multiple transforms
 - 33 Transforms of special functions
 - 40 Operational calculus
 - 42 Operational calculus in several variables
 - 50 Fractional integrals (See also 26.43)
 - 60 Moment problems (See also 42.27)
45. INTEGRAL EQUATIONS
- 10 Linear integral equations, general (See also 47.70)
 - 11 Fredholm equations
 - 12 Eigenvalue problems
 - 13 Volterra equations
 - 15 Singular equations
 - 20 Systems of linear equations
 - 30 Nonlinear integral equations (See also 47.80)
 - 31 Singular nonlinear equations
 - 33 Miscellaneous special kernels (See also 44.30)
 - 40 Integro-differential equations, ordinary
 - 45 Integro-partial differential equations
46. FUNCTIONAL ANALYSIS
- 01 Topological linear spaces
 - 06 Ordered TLS; vector lattices
 - 10 Normed linear spaces, Banach spaces
 - 15 Inner product spaces, Hilbert spaces, spaces with an indefinite metric
 - 20 Other special spaces
 - 25 Spaces of continuous functions

SUBJECT CLASSIFICATION

- 30 Spaces of differentiable and analytic functions
 - 35 Spaces of measurable functions; L^p spaces, Orlicz spaces
 - 38 Sobolev spaces, embedding theorems, interpolation spaces (See also 35.21, 47.65)
 - 40 Distributions, generalized functions
 - 45 Derivatives and differentials in abstract spaces
 - 50 Topological algebras, normed rings and algebras, Banach algebras: general theory
 - 55 Commutative Banach algebras; function algebras
 - 60 Rings and algebras with an involution, \ast -algebras: general theory
 - 65 Rings and algebras of operators (with or without involution); C^\ast -algebras, von Neumann algebras
 - 80 Group algebras, convolution algebras (See also 22.65, 42.56)
 - 90 Miscellaneous applications of functional analysis
47. OPERATOR THEORY
- 10 Single linear operators, general theory
 - 20 Operators in ordered spaces
 - 25 Operators in function spaces and other special spaces (See also 28.70)
 - 30 Spectral theory, functional calculus
 - 35 Reducibility, invariant subspaces
 - 40 Structure, classification, canonical forms
 - 45 Compact (completely continuous) operators
 - 48 Perturbation theory
 - 50 Semigroups and groups of operators
 - 55 Other systems of operators (See also 46.65)
 - 60 Ordinary differential operators (See also 34.30)
 - 65 Partial differential operators (See also 35.80)
 - 70 Integral and integro-differential operators
 - 80 Nonlinear operators, general theory
 - 85 Fixed-point theorems (See also 54.85)
 - 90 Miscellaneous applications
49. CALCULUS OF VARIATIONS, OPTIMAL CONTROL (See also 93.40)
50. GEOMETRY (See also 14.00)
- 05 Foundations
 - 10 Euclidean
 - 14 Constructions
 - 20 Affine geometry, general
 - 25 Transformations
 - 30 Projective geometry, general
 - 35 Transformations
 - 38 Second-order loci
 - 40 Non-Euclidean geometry (i.e. hyperbolic or elliptic)
 - 48 Special geometries
 - 60 Finite geometries (See also 05.27)
 - 70 Projective planes
 - 90 Regular figures, divisions of space (See also 52.00)
52. CONVEX SETS AND GEOMETRIC INEQUALITIES
- 10 Convex polyhedra
 - 25 Convex curves
 - 30 Convex regions
 - 34 Helly-type theorems
 - 40 Extremum problems and geometric inequalities
 - 45 Packing and covering (See also 50.90)
 - 50 Distance geometries
53. DIFFERENTIAL GEOMETRY
- 01 Curves and surfaces in Euclidean spaces
 - 04 Minimal surfaces
 - 10 Affine differential geometry
 - 20 Projective differential geometry
 - 23 Differential line geometry
 - 25 Conformal differential geometry
 - 30 Non-Euclidean differential geometry
 - 32 Other special differential geometries
- 35 Vector and tensor analysis
 - 38 Spinor analysis
 - 40 Differentiable manifolds (general theory), e.g., definitions, jets, tangent bundles (See also 57.30)
 - 42 Differential invariants (local theory), geometric objects
 - 45 Differential calculus (global theory); forms, currents, integration, tensor fields, etc. (See also 57.50)
 - 50 Connections, general
 - 52 G -structures
 - 55 Affine connections
 - 60 Projective connections
 - 66 Homogeneous manifolds (See also 22.70, 57.45)
 - 70 Local Riemannian geometry
 - 72 Riemannian manifolds
 - 73 Symmetric spaces (See also 22.70, 57.45)
 - 74 Submanifolds, isometric imbeddings (See also 57.20)
 - 75 Global surface theory (convex surfaces)
 - 78 Lorentz metrics and generalizations
 - 80 Hermitian and Kählerian structures (See also 32.00, 57.60)
 - 85 Finsler spaces and generalizations (areal metrics)
 - 90 Integral geometry
 - 95 Direct methods (G -spaces of Busemann), geometric orders
 - 99 Other generalizations
54. GENERAL TOPOLOGY
- 10 Axiomatics; generalizations of topological spaces, syntopogenous spaces
 - 20 Topological spaces, general
 - 22 Convergence notions
 - 23 Separation axioms, T_i -spaces
 - 25 General constructs (products, quotients, limits, etc.)
 - 28 Function spaces
 - 30 Uniform structures, proximity spaces
 - 35 Metric spaces, metrizability
 - 38 Moore spaces
 - 40 Countability conditions, separability, Lindelöf spaces
 - 50 Paracompact spaces
 - 52 Compactness, local compactness, generalizations
 - 53 Compactifications, other extensions
 - 55 Connectedness, continua
 - 56 Ordered topological spaces (See also 06.65)
 - 60 Mappings
 - 65 Set-valued mappings
 - 70 Dimension theory (See also 55.38)
 - 75 Topology of E_n , 2-manifolds
 - 78 Topology of E_n , n -manifolds ($n > 2$)
 - 80 Transformation groups and semigroups (See also 22.40)
 - 82 Topological dynamics
 - 85 Fixed-point theorems, coincidence theorems, etc. (See also 47.85)
55. ALGEBRAIC TOPOLOGY
- 10 Graphs, map-coloring (See also 05.40)
 - 20 Knots, links (See also 57.20)
 - 25 Cell-complexes, simplicial complexes
 - 30 Homology and cohomology theories; K -theory
 - 32 Sheaves
 - 34 Cohomology operations, Steenrod algebra
 - 36 Periodic transformations, fixed points, coincidences (Smith theory)
 - 38 Dimension theory (See also 54.70)
 - 40 Homotopy theory, general
 - 42 Algebra of mappings (including cohomotopy groups)
 - 45 Computation of homotopy groups
 - 50 Fiber spaces (See also 57.30)
 - 52 Spectral sequences
 - 60 Manifolds (See also 53.40, 54.78, 57.01)
 - 66 Generalized manifolds, local homology
 - 68 Homotopy manifolds
 - 70 Imbedding, immersion (See also 57.20)

SUBJECT CLASSIFICATION

57. TOPOLOGY AND GEOMETRY OF MANIFOLDS

- 01 Topological manifolds, combinatorial manifolds (See also 55.60)
- 05 Geometric topology
- 10 Differentiable structures, cobordism
- 20 Differentiable mappings, imbeddings, immersions, diffeomorphisms (See also 53.74, 55.70)
- 30 Fiber bundles, vector bundles (See also 53.40, 55.50)
- 31 Topology of differentiable manifolds (See also 54.78)
- 32 Characteristic classes
- 34 Topology of vector and tensor fields
- 36 Foliations (See also 34.65)
- 40 Topology of Lie groups
- 45 Topology of homogeneous spaces (See also 22.70, 53.66, 53.73)
- 47 Transformation groups (See also 22.40, 54.80)
- 50 Analysis on differentiable manifolds (See also 53.72)
- 55 Infinite-dimensional manifolds
- 60 Complex manifolds (See also 32.00, 53.80)
- 70 Infinite Lie groups, deformations

60. PROBABILITY

- 02 Axioms, foundations
- 05 Probabilistic measure theory
- 08 Probability in topological groups, other structures
- 10 Combinatorial probability
- 15 Geometric probability
- 20 Distributions, characteristic functions
- 30 Limit theorems
- 40 Stochastic processes, general theory
- 50 Stationary processes
- 60 Markov processes, general
- 62 Hunt processes, diffusion processes, Brownian motion, probabilistic potential theory
- 65 Markov chains
- 66 Random walks
- 67 Branching processes; Galton-Watson, birth-and-death processes
- 69 Other special processes
- 70 Renewal theory
- 75 Stochastic differential and integral equations
- 80 Queueing, congestion, allocation, storage
- 90 Other applications

62. STATISTICS

- 05 Foundations: axiomatics, sufficiency, invariance, other general considerations
- 10 Distribution theory
- 15 Asymptotic theory
- 16 Exact and asymptotic efficiency
- 20 Estimation: parametric case
- 25 Hypothesis testing: parametric case
- 30 Decision theory
- 31 Ranking and selection
- 35 Bayesian inference
- 40 Multivariate analysis
- 41 Classification and discrimination
- 45 Sequential methods
- 50 Information-theoretic methods
- 55 Linear statistical inference, regression analysis
- 56 Analysis of variance; hierarchical models
- 60 Design and analysis of experiments, general
- 61 Construction of designs (See also 05.20)
- 62 Optimal designs
- 63 Factorial designs
- 64 Paired and multiple comparisons
- 70 Non-parametric methods
- 71 Goodness-of-fit tests
- 75 Order statistics
- 80 Engineering statistics; life testing and reliability, quality control
- 85 Statistical analysis of stochastic processes; time series

90 Sample surveys

- 95 Count data, contingency tables
- 97 Biometrics
- 99 Other applications

65. NUMERICAL METHODS

- 05 Tables, construction of tables
- 10 General mathematical methods; iteration, acceleration of convergence, numerical experiments
- 15 Monte Carlo methods
- 20 Interpolation, smoothing, least squares, curve fitting, approximation of functions
- 25 Computation of special functions, series, integrals
- 30 Mathematical programming and optimization techniques
- 33 Linear inequalities
- 35 Linear equations, determinants, matrices
- 40 Eigenvalues, eigenvectors
- 50 Solution of algebraic and transcendental equations and systems
- 55 Numerical differentiation and integration, quadrature, cubature, etc.
- 60 Ordinary differential equations, general
- 61 Initial value problems
- 62 Boundary value problems
- 65 Partial differential equations, general
- 66 Elliptic equations
- 67 Hyperbolic equations
- 68 Parabolic equations
- 70 Difference and functional equations
- 75 Integral and integro-differential equations
- 80 Error analysis
- 82 Miscellaneous inequalities
- 85 Graphical methods
- 90 Harmonic analysis and synthesis

68. COMPUTING MACHINES

69. GENERAL APPLIED MATHEMATICS

70. MECHANICS OF PARTICLES AND SYSTEMS

- 34 Ordinary differential equations
- 35 Partial differential equations
- 45 Integral and integro-differential equations
- 49 Calculus of variations
- 60 Probability
- 65 Numerical methods

73. ELASTICITY, PLASTICITY

- 34 Ordinary differential equations
- 35 Partial differential equations
- 44 Integral transforms
- 45 Integral and integro-differential equations
- 46 Functional analysis
- 49 Calculus of variations
- 60 Probability
- 65 Numerical methods

76. FLUID MECHANICS, ACOUSTICS

- 34 Ordinary differential equations
- 35 Partial differential equations
- 41 Approximations and expansions
- 44 Integral transforms
- 45 Integral and integro-differential equations
- 46 Functional analysis
- 49 Calculus of variations
- 60 Probability
- 65 Numerical methods

78. OPTICS, ELECTROMAGNETIC THEORY

- 31 Potential theory
- 34 Ordinary differential equations
- 35 Partial differential equations

SUBJECT CLASSIFICATION

- 45 Integral and integro-differential equations
 - 65 Numerical methods
80. CLASSICAL THERMODYNAMICS, HEAT TRANSFER
- 31 Potential theory
 - 35 Partial differential equations
81. QUANTUM MECHANICS
- 06 Order, lattices
 - 22 Lie groups and algebras, representations
 - 30 Functions of a complex variable
 - 31 Potential theory
 - 32 Several complex variables
 - 34 Ordinary differential equations
 - 35 Partial differential equations
 - 45 Integral and integro-differential equations
 - 46 Functional analysis; C^* -algebras
 - 47 Operator theory
 - 60 Probability
 - 62 Statistics
82. STATISTICAL PHYSICS, STRUCTURE OF MATTER
- 20 Group theory
 - 45 Integral and integro-differential equations
 - 62 Statistics
83. RELATIVITY
- 35 Partial differential equations
 - 53 Differential geometry
85. ASTRONOMY AND ASTROPHYSICS
86. GEOPHYSICS
90. ECONOMICS, OPERATIONS RESEARCH, PROGRAMMING, GAMES
- 10 Economics
 - 30 Operations research
- 40 Multi-stage decision processes, dynamic programming (general)
 - 50 Linear programming
 - 56 Integer programming
 - 57 Stochastic programming
 - 58 Nonlinear programming, general
 - 59 Quadratic programming
 - 60 Convex programming
 - 70 Game theory
 - 72 Stochastic games
 - 75 Differential and continuous games (See also 93.40)
92. BIOLOGY AND BEHAVIORAL SCIENCES
- 10 Biology
 - 20 Genetics
 - 30 Population dynamics, epidemiology
 - 40 Sociology
 - 50 Psychology
93. SYSTEMS, CONTROL
- 10 Systems, general
 - 20 Stability, qualitative behavior
 - 40 Optimal control (See also 34.85, 35.15, 49.00, 90.00)
 - 60 Stochastic control
 - 70 Adaptive control
94. INFORMATION AND COMMUNICATION, CIRCUITS, AUTOMATA
- 10 Communication theory
 - 20 Information theory
 - 30 Circuits, networks; applications of graph theory, Boolean algebra
 - 40 Automata, general (See also 02.88)
 - 45 Probabilistic automata
 - 50 Linguistics, formal languages

ABBREVIATIONS OF NAMES OF JOURNALS

This list gives the form of references used in MATHEMATICAL REVIEWS and the complete title; the place of publication and other pertinent information are given in parentheses when desirable for clarity. An asterisk indicates that the journal has not previously been listed.

- Abh. Akad. Wiss. Göttingen Math.-Phys. Kl.* Abhandlungen der Akademie der Wissenschaften in Göttingen. Mathematisch-Physikalische Klasse. (Göttingen)
- Abh. Braunschweig. Wiss. Gesellsch.* Abhandlungen der Braunschweigischen Wissenschaftlichen Gesellschaft. (Braunschweig)
- Abh. Deutsch. Akad. Wiss. Berlin Kl. Math. Phys. Tech.* Abhandlungen der Deutschen Akademie der Wissenschaften zu Berlin. Klasse für Mathematik, Physik und Technik. (Berlin)
- Abh. Math. Sem. Univ. Hamburg.* Abhandlungen aus dem Mathematischen Seminar der Universität Hamburg. (Hamburg)
- Abh. Sächs. Akad. Wiss. Leipzig Math.-Natur. Kl.* Abhandlungen der Sächsischen Akademie der Wissenschaften zu Leipzig. Mathematisch-Naturwissenschaftliche Klasse. (Leipzig)
- Ablauf- und Planungsforschung.* Ablauf- und Planungsforschung. Organ des AKOR-der Gesellschaft für Operations Research in Wirtschaft und Verwaltung. (Munich)
- Abstracts Bulgarian Sci. Lit. Math. Phys. Astronom. Geophys. Geodes.* Bulgarian Academy of Sciences. Centre of Scientific Information and Documentation. Abstracts of Bulgarian Scientific Literature. Mathematics, Physics, Astronomy, Geophysics, Geodesy. (Sofia)
- Acad. Roy. Belg. Bull. Cl. Sci.* Académie Royale de Belgique. Bulletin de la Classe des Sciences. Koninklijke Belgische Academie. Mededelingen van de Klasse der Wetenschappen. (Brussels)
- Acad. Roy. Belg. Cl. Sci. Mém. Coll. in-8°.* Académie Royale de Belgique. Classe des Sciences. Mémoires. Collection in-8°. Koninklijke Belgische Academie. Klasse der Wetenschappen. Verhandelingen. Verzameling in-8°. (Brussels)
- Acad. Serbe Sci. Arts Glas.* Académie Serbe des Sciences et des Arts. Glas. Classe des Sciences Mathématiques et Naturelles. Nouvelle Série. (Belgrade)
- Accad. Naz. Sci. Lett. Arti Modena Atti Mem.* Accademia Nazionale di Scienze Lettere e Arti. Modena. Atti e Memorie. (Modena)
- Acta Acad. Abo. Ser. B.* Acta Academiae Aboensis, Ser. B. Mathematica et Physica. Matematik-Naturvetenskap-Teknik. (Åbo = Turku)
- Acta Acust. Sinica.* Acta Acustica Sinica. (Peking)
- Acta Arith. Polska Akademia Nauk. Instytut Matematyczny.* Acta Arithmetica. (Warsaw)
- Acta Astronom. Sinica.* Acta Astronomica Sinica. (Peking)
- Acta Ci. Compostelana.* Acta Científica Compostelana. (Santiago de Compostela)
- Acta Ci. Venezolana.* Acta Científica Venezolana. Asociación Venezolana para el Avance de la Ciencia. (Caracas)
- Acta Cybernet.* Acta Cybernetica. (Szeged)
- Acta Fac. Rerum Natur. Univ. Comenian. Math.* Acta Facultatis Rerum Naturalium Universitatis Comenianae. Mathematica. (Bratislava)
- Acta Informat.* Acta Informatica. (Berlin)
- Acta Math.* Acta Mathematica. (Uppsala)
- Acta Math. Acad. Sci. Hungar.* Acta Mathematica Academiae Scientiarum Hungaricae. (Budapest)
- Acta Math. Sinica.* Acta Mathematica Sinica. (Peking) (Translated as: *Chinese Math.—Acta*)
- Acta Mech.* Acta Mechanica. (Vienna)
- Acta Mech. Sinica (New York).* Acta Mechanica Sinica. (New York) (Translation of *Acta Mech. Sinica (Peking)*)
- Acta Mech. Sinica (Peking).* Acta Mechanica Sinica. (Peking) (Translated as: *Acta Mech. Sinica (New York)*)
- Acta Mexicana Ci. Tecn.* Instituto Politécnico Nacional. Acta Mexicana de Ciencia y Tecnología. (Mexico City)
- Acta Philos. Fenn.* Acta Philosophica Fennica. (Helsinki)
- Acta Phys. Acad. Sci. Hungar.* Acta Physica Academiae Scientiarum Hungaricae. (Budapest)
- Acta Phys. Austriaca.* Acta Physica Austriaca. (Vienna)
- Acta Phys. Polon. A.* Polska Akademia Nauk. Instytut Fizyki. Acta Physica Polonica A. (Warsaw)
- Acta Phys. Polon. B.* Polska Akademia Nauk. Instytut Fizyki. Acta Physica Polonica B. (Warsaw)
- Acta Phys. Sinica.* Acta Physica Sinica. (Peking) (Translated as: *Chinese J. Phys. (Peking)*)
- Acta Polytech. Scand. Math. and Comput. Mach. Ser.* Acta Polytechnica Scandinavica. Mathematics and Computing Machinery Series. (Stockholm)
- Acta Sci. Math. (Szeged).* Acta Universitatis Szegediensis. Acta Scientiarum Mathematicarum. (Szeged)
- Acta Sci. Natur. Univ. Pekinensis.* Acta Scientiarum Naturalium Universitatis Pekinensis. (Peking)
- Acta Sci. Vietnam.* Acta Scientiarum Vietnamicarum. Sectio Scientiarum Mathematicarum et Physicarum. (Hanoi)
- Acta Tech. Acad. Sci. Hungar.* Acta Technica Academiae Scientiarum Hungaricae. (Budapest)
- Acta Tech. ČSAV.* Acta Technica. Československá Akademie Věd. (Prague)
- Acta Univ. Carolinae—Math. et Phys.* Acta Universitatis Carolinae. Mathematica et Physica. (Prague)
- Acta Univ. Tamper. Ser. A.* Acta Universitatis Tampereensis. Series A. (Helsinki)
- Acta Univ. Wratislav.* Acta Universitatis Wratislaviensis. (Wrocław)
- Actualités Sci. Indust.* Actualités Scientifiques et Industrielles. (Paris)
- Advances in Appl. Probability.* Advances in Applied Probability. (Sheffield)
- Advances in Math.* Advances in Mathematics. (New York)
- Aequationes Math.* Aequationes Mathematicae. (Basel-Waterloo)
- AEÜ—Arch. Elek. Übertragungstech. Electron. Commun.* AEÜ. Archiv für Elektronik und Übertragungstechnik. Electronics and Communication. (Stuttgart) (Formerly: *Arch. Elek. Übertr.*)
- AIAA J.* AIAA Journal. American Institute of Aeronautics and Astronautics. (Easton, Pa.)
- *Ajatus. Ajatus.* Suomen Filosofisen Yhdistyksen Vuosikirja. Yearbook of the Philosophical Society of Finland. (Helsinki)
- Akad. Nauk Armjan. SSR Dokl.* Akademija Nauk Armjanskoi SSR. Doklady. (Erevan)
- Akad. Nauk Azerbaidžan. SSR Dokl.* Akademija Nauk Azerbaidžanskoi SSR. Doklady. (Baku)

ABBREVIATIONS OF NAMES OF JOURNALS

- Akad. Nauk Azerbaidžan. SSR Trudy Inst. Mat. Meh.* Akademiya Nauk Azerbaidžanskoi SSR. Trudy Instituta Matematiki i Mehaniki. (Baku)
- Akad. Nauk Gruzin. SSR Trudy Tbilis. Mat. Inst. Razmadze.* Akademiya Nauk Gruzinskoi SSR. Trudy Tbilisskogo Matematičeskogo Instituta im. A. M. Razmadze. (Tbilisi) See *Sakharth. SSR Mecn. Akad. Math. Inst. Šrom.*
- Akad. Nauk Kazah. SSR Trudy Astrofiz. Inst.* Akademiya Nauk Kazahskoi SSR. Trudy Astrofizičeskogo Instituta. (Alma-Ata)
- Akad. Nauk Kazah. SSR Trudy Inst. Mat. i Meh.* Akademiya Nauk Kazahskoi SSR. Trudy Instituta Matematiki i Mehaniki. (Alma-Ata) (Formerly: *Akad. Nauk Kazah. SSR Trudy Sekt. Mat. Meh.*)
- Akad. Nauk Kazah. SSR Trudy Sekt. Mat. Meh.* Akademiya Nauk Kazahskoi SSR. Trudy Sektora Matematiki i Mehaniki. (Alma-Ata) (Continued as: *Akad. Nauk Kazah. SSR Trudy Inst. Mat. i Meh.*)
- Akad. Nauk SSSR Sibirsk. Otdel. Inst. Avtomat. Ėlektrometr. Trudy.* Akademiya Nauk SSSR. Sibirskoe Otdelenie. Institut Avtomatiki i Ėlektrometrii. Trudy. (Novosibirsk)
- Akad. Nauk SSSR Trudy Jakutsk. Filial. Ser. Fiz.* Akademiya Nauk SSSR. Trudy Jakutskogo Filiala. Seriya fizičeskaja. (Moscow)
- Akad. Nauk Uzbek. SSR Trudy Inst. Mat.* Akademiya Nauk Uzbekskoi SSR. Trudy Instituta Matematiki im. V. I. Romanovskogo. (Tashkent)
- Akad. Nauka i Umjet. Bosne i Hercegov. Rad. Odjelj. Prirod. Mat. Nauka.* Akademiya Nauka i Umjetnosti Bosne i Hercegovine. Radovi. Odjeljenje Prirodnih i Matematičkih Nauka. (Sarajevo)
- Akad. Nauka i Umjet. Bosne i Hercegov. Rad. Odjelj. Tehn. Nauka.* Akademiya Nauka i Umjetnosti Bosne i Hercegovine. Radovi. Odjeljenje Tehničkih Nauka. (Sarajevo)
- Akad. Wiss. Lit. Mainz Abh. Math.-Natur. Kl.* Akademie der Wissenschaften und der Literatur in Mainz. Abhandlungen der Mathematisch-Naturwissenschaftlichen Klasse. (Wiesbaden)
- Akust. Ž.* Akademiya Nauk SSSR. Akustičeskii Žurnal. (Moscow) (Translated as: *Soviet Physics Acoust.*)
- Algebra and Logic.* Algebra and Logic. (New York) (Translation of *Algebra i Logika*)
- Algebra i Logika.* Akademiya Nauk SSSR. Sibirskoe Otdelenie. Institut Matematiki. Algebra i Logika. (Novosibirsk) (Translated as: *Algebra and Logic*)
- Algebra Universalis.* Algebra Universalis. (Basel)
- Algoritmy i Algoritm. Jazyki.* Vyčislitel'nyi Centr Akademii Nauk SSSR. Algoritmy i Algoritmicheskie Jazyki. (Moscow)
- Algorytmy.* Algorytmy. Prace Instytutu Maszyn Matematycznych Polskiej Akademii Nauk. (Warsaw)
- Allgemein. Statist. Arch.* Allgemeines statistisches Archiv. Organ der Deutschen Statistischen Gesellschaft. (Munich)
- *Alta Frequenza.* Alta Frequenza. Rivista di Elettronica e Telecomunicazioni della Associazione Elettrotecnica ed Elettronica Italiana. (Milan)
- Amer. J. Math.* American Journal of Mathematics. (Baltimore, Md.)
- Amer. J. Phys.* American Journal of Physics. (New York)
- Amer. Math. Monthly.* The American Mathematical Monthly. (Buffalo, N.Y.)
- Amer. Math. Soc. Transl.* American Mathematical Society Translations. (Providence, R.I.)
- Amer. Statist.* The American Statistician. (Washington, D.C.)
- AMR.* Applied Mechanics Reviews. (New York)
- An. Acad. Brasil. Ci.* Anais da Academia Brasileira de Ciências. (Rio de Janeiro)
- An. Fac. Ci. Univ. Porto.* Anais da Faculdade de Ciências. Universidade do Porto. (Porto, Portugal)
- An. Inst. Mat. Univ. Nac. Autónoma México.* Anales del Instituto de Matemáticas. Universidad Nacional Autónoma de México. (Mexico City)
- An. Ști. Univ. "Al. I. Cuza" Iași Sec. I a Mat.* Analele Științifice ale Universității "Al. I. Cuza" din Iași. (Seria Nouă). Secțiunea I a Matematică. (Iași)
- An. Univ. București Acta Logica.* Analele Universității București. Acta Logica. (Bucharest)
- An. Univ. București Fiz.* Analele Universității București. Fizică. (Bucharest)
- An. Univ. București Mat.-Mec.* Analele Universității București. Matematică-Mecanică. (Bucharest)
- An. Univ. Timișoara Ser. Ști. Fiz.-Chim.* Analele Universității din Timișoara. Seria Științe Fizice-Chimice. (Timișoara)
- An. Univ. Timișoara Ser. Ști. Mat.* Analele Universității din Timișoara. Seria Științe Matematice. (Timișoara)
- Ann. Acad. Sci. Fenn. Ser. A I.* Suomalaisen Tiedekatemian Toimituksia. Sarja A. Annales Academiæ Scientiarum Fennicæ. Series A. I. Mathematica. (Helsinki)
- Ann. Acad. Sci. Fenn. Ser. A VI.* Suomalaisen Tiedekatemian Toimituksia. Sarja A. Annales Academiæ Scientiarum Fennicæ. Series A. VI. Physica. (Helsinki)
- Ann. École Nat. Sup. Méc. Nantes.* Annales École Nationale Supérieure de Mécanique. (Nantes)
- Ann. Fac. Sci. Univ. Clermont-Ferrand.* Annales de la Faculté des Sciences de l'Université de Clermont-Ferrand. (Clermont-Ferrand)
- Ann. Fac. Sci. Univ. Toulouse.* Annales de la Faculté des Sciences de l'Université de Toulouse pour les Sciences Mathématiques et les Sciences Physiques. (Toulouse)
- Ann. Human Genetics.* Annals of Human Genetics. (London)
- Ann. I.N.S.É.É.* Ministère de l'Économie et des Finances. Institut National de la Statistique et des Études Économiques. Annales de l'I.N.S.É.É. (Paris)
- Ann. Inst. Fourier (Grenoble).* Université de Grenoble. Annales de l'Institut Fourier. (Grenoble)
- Ann. Inst. H. Poincaré Sect. A.* Annales de l'Institut Henri Poincaré. Section A: Physique théorique. (Paris)
- Ann. Inst. H. Poincaré Sect. B.* Annales de l'Institut Henri Poincaré. Section B: Calcul des probabilités et statistique. (Paris)
- Ann. Inst. Statist. Math.* Annals of the Institute of Statistical Mathematics. (Tokyo)
- Ann. Japan Assoc. Philos. Sci.* Annals of the Japan Association for Philosophy of Science. (Tokyo)
- Ann. Mat. Pura Appl.* Annali di Matematica Pura ed Applicata. (Bologna)
- Ann. Math. Logic.* Annals of Mathematical Logic. (Amsterdam)
- Ann. Math. Statist.* The Annals of Mathematical Statistics. (Baltimore, Md.)
- Ann. of Math.* Annals of Mathematics. (Princeton, N.J.)
- Ann. of Sci.* Annals of Science. (London)
- Ann. Physics.* Annals of Physics. (New York)
- Ann. Physik.* Annalen der Physik. (Leipzig)
- Ann. Polon. Math.* Polska Akademia Nauk. Annales Poloniei Mathematici. (Warsaw)
- Ann. Sci. École Norm. Sup.* Annales Scientifiques de l'École Normale Supérieure. (Paris)
- Ann. Sci. Univ. Besançon Math.* Annales Scientifiques de l'Université de Besançon. Mathématiques. (Besançon)

- Ann. Sci. Univ. Besançon Méc. Phys. Théor.* Annales Scientifiques de l'Université de Besançon. Mécanique et Physique Théorique. (Besançon)
- Ann. Scuola Norm. Sup. Pisa.* Annali della Scuola Normale Superiore di Pisa. Scienze Fisiche e Matematiche. (Pisa)
- Ann. Soc. Sci. Bruxelles Sér. I.* Annales de la Société Scientifique de Bruxelles. Série I. Sciences Mathématiques, Astronomiques et Physiques. (Brussels)
- Ann. Télécommun.* Annales des Télécommunications. (Paris)
- Ann. Univ. Ferrara Sez. VII.* Annali dell'Università di Ferrara. (Nuovo Serie). Sezione VII. Scienze Matematiche. (Ferrara)
- Ann. Univ. Mariae Curie-Skłodowska Sect. A.* Annales Universitatis Mariae Curie-Skłodowska. Section A. Mathematica. (Lublin)
- Ann. Univ. Sarac. Math.-Natur. Fak.* Annales Universitatis Saravienensis. Mathematisch-Naturwissenschaftliche Fakultät. (Berlin)
- Ann. Univ. Sci. Budapest. Eötvös Sect. Math.* Annales Universitatis Scientiarum Budapestinensis de Rolando Eötvös Nominatae. Sectio Mathematica. (Budapest)
- Ann. Univ. Turku. Ser. A I.* Annales Universitatis Turkuensis. Series A. I. Astronomia-Chemica-Physica-Mathematica. (Turku)
- Annuaire Univ. Sofia Fac. Math.* Godišnik na Sofijskija Universitet Matematički Fakultet. Annuaire de l'Université de Sofia. Faculté de Mathématiques. (Sofia)
- Annuaire Univ. Sofia Fac. Phys.* Godišnik na Sofijskija Universitet Fizički Fakultet. Annuaire de l'Université de Sofia. Faculté de Physique. (Sofia)
- Annual Rep. Fac. Ed. Univ. Iwate.* Annual Report of the Faculty of Education, University of Iwate. (Kakuzanwaki)
- Appl. Mat.* Čkoslovenská Akademie Věd. Aplikace Matematiky. (Prague)
- Appl. Mech. Rev.* Applied Mechanics Reviews. (New York) (Sometimes abbreviated as *AMR* in the text of *Math. Reviews*)
- Appl. Sci. Res.* Applied Scientific Research. (The Hague)
- Applicable Anal.* Applicable Analysis. An International Journal. (New York)
- **Arasirna.* Araştırma. Journal of the Institute for Research in Philosophy, the History of Science, Psychology and Sociology. Faculty of Letters, Ankara University. (Ankara)
- Arbok Univ. Bergen Mat.-Natur. Ser.* Arbok for Universitetet i Bergen. Mat.-Naturv. Serie. (Bergen)
- Arch. Automat. i Telemekh.* Instytut Automatyki Polskiej Akademii Nauk. Archiwum Automatyki i Telemekhaniki. (Warsaw)
- Arch. Elek. Übertr.* Archiv der elektrischen Übertragung. (Stuttgart) (Continued as: *AEU*—*Arch. Elek. Übertragungstechn. Electron. Commun.*)
- **Arch. Elektrotech.* (Warsaw). Komitet Elektrotechniki. Komitet Elektroniki i Telekomunikacji Polskiej Akademii Nauk. Archiwum Elektrotechniki. (Warsaw)
- Arch. History Exact Sci.* Archive for History of Exact Sciences. (Berlin)
- Arch. Internat. Histoire Sci.* Archives Internationales d'Histoire des Sciences. (Paris)
- Arch. Math. (Basel).* Archiv der Mathematik. Archives of Mathematics. Archives Mathématiques. (Basel-Stuttgart)
- Arch. Math. (Brno).* Spisy Přírodovědecké Fakulty University J. E. Purkyně v Brně. Archivum Mathematicum. (Brno)
- Arch. Math. Logik Grundlagenforsch.* Archiv für mathematische Logik und Grundlagenforschung. (Stuttgart)
- Arch. Mech. (Arch. Mech. Stos.)* Institute of Fundamental Technical Research. Polish Academy of Sciences. Archives of Mechanics (Archiwum Mechaniki Stosowanej). (Warsaw) (Formerly: *Arch. Mech. Stos.*)
- Arch. Mech. Stos.* Polska Akademia Nauk. Instytut Podstawowych Problemów Techniki. Archiwum Mechaniki Stosowanej. (Warsaw) (Continued as: *Arch. Mech. (Arch. Mech. Stos.)*)
- Arch. Rational Mech. Anal.* Archive for Rational Mechanics and Analysis. (Berlin)
- Archimede.* Archimede. Rivista per gli Insegnanti e i Cultori di Matematiche Pure e Applicate. (Florence)
- Ark. Astronom.* Arkiv för Astronomi. (Stockholm)
- Ark. Fys.* Arkiv för Fysik. (Stockholm) (Replaced by: *Phys. Scripta*)
- Ark. Mat.* Arkiv för Matematik. (Stockholm)
- Arkhimedes.* Arkhimedes. Suomen Fysikkoseura—Finlands Fysikerförening r.y. Suomen Matemaattinen Yhdistys—Finlands Matematiska Förening r.y. (Helsinki)
- Armjan. Gos. Ped. Inst. Sb. Naučn. Trud. Ser. Fiz.-Mat.* Armjanskij Gosudarstvennyj Pedagogičeskij Institut imeni H. Abovjan. Sbornik Naučnyh Trudov. Serija Fiziko-Matematičeskaja. (Erevan)
- Arquivo Inst. Gulbenkian Ci. A Estud. Mat. Fis.-Mat.* Arquivo do Instituto Gulbenkian de Ciência. A. Estudos Matemáticos e Físico-Matemáticos. (Lisbon)
- Artificial Intelligence.* Artificial Intelligence. An International Journal. (Amsterdam)
- Assoc. Roy. Actuar. Belges Bull.* Association Royale des Actuaire Belges. Bulletin. (Brussels)
- Astin Bull.* The Astin Bulletin. Publication of the Astin Section of the Permanent Committee for International Actuarial Congresses. (Amsterdam)
- Astrofizika.* Akademija Nauk Armjanskoj SSR. Astrofizika. (Erevan) (Translated as: *Astrophysics*)
- Astronaut. Acta.* Astronautica Acta. (Vienna)
- Astronom. and Astrophys.* Astronomy and Astrophysics. (Berlin)
- Astronom. J.* The Astronomical Journal. (New Haven, Conn.)
- Astronom. Jber.* Astronomischer Jahresbericht. (Berlin)
- Astronom. Nachr.* Astronomische Nachrichten. (Berlin)
- Astronom. Ž.* Akademija Nauk SSSR. Astronomičeskij Žurnal. (Moscow) (Translated as: *Soviet Astronom. AJ*)
- Astrophys. J.* The Astrophysical Journal. (Chicago, Ill.)
- Astrophysics.* Astrophysics. (A translation of *Astrofizika* of the Academy of Sciences of the Armenian SSR). (New York) (Translation of *Astrofizika*)
- Atti Accad. Gioenia Sci. Natur. Catania.* Atti della Accademia Gioenia di Scienze Naturali in Catania. (Catania)
- Atti Accad. Ligure Sci. Lett.* Atti della Accademia Ligure di Scienze e Lettere. (Genoa)
- Atti Accad. Naz. Lincei Mem. Cl. Sci. Fis. Mat. Natur. Sez. I.* Atti della Accademia Nazionale dei Lincei. Memorie. Classe di Scienze Fisiche, Matematiche e Naturali. Sezione I*. (Matematica, Meccanica, Astronomia, Geodesia e Geofisica). (Rome)
- Atti Accad. Naz. Lincei Rend. Cl. Sci. Fis. Mat. Natur.* Atti della Accademia Nazionale dei Lincei. Rendiconti. Classe di Scienze Fisiche, Matematiche e Naturali. (Rome)
- Atti Accad. Sci. Fis. Mat. Napoli.* Atti dell'Accademia delle Scienze Fisiche e Matematiche di Napoli. (Naples)
- Atti Accad. Sci. Ist. Bologna Cl. Sci. Fis. Rend.* Atti della Accademia delle Scienze dell'Istituto di Bologna. Classe di Scienze Fisiche. Rendiconti. (Bologna)
- Atti Accad. Sci. Lett. Arti Palermo Parte I.* Atti della Accademia di Scienze Lettere e Arti di Palermo. Parte Prima: Scienze. (Palermo)
- Atti Accad. Sci. Torino Cl. Sci. Fis. Mat. Natur.* Atti della Accademia delle Scienze di Torino. Classe di Scienze Fisiche, Matematiche e Naturali. (Turin)

ABBREVIATIONS OF NAMES OF JOURNALS

- Atti Fond. Giorgio Ronchi Contrib. Ist. Naz. Ottica.* Atti della Fondazione Giorgio Ronchi e Contributi dell'Istituto Nazionale di Ottica. (Florence)
- Atti Sem. Mat. Fis. Univ. Modena.* Atti del Seminario Matematico e Fisico dell'Università di Modena. (Modena)
- Atti Soc. Peloritana Sci. Fis. Mat. Natur.* Atti della Società Peloritana di Scienze Fisiche Matematiche e Naturali. (Messina)
- Austral. Comput. J.* The Australian Computer Society. The Australian Computer Journal. (Chippendale)
- Austral. J. Phys.* Australian Journal of Physics. (Melbourne)
- Austral. J. Sci.* The Australian Journal of Science. (Sydney)
- Austral. J. Statist.* The Australian Journal of Statistics. (Sydney)
- Automat. Control.* Automatic Control. (A translation of *Avtomatika i Vychislitel'naja Tehnika*). (New York) (Translation of *Avtomat. i Vychisl. Tehn.*)
- Automat. Remote Control.* Automation and Remote Control. (A translation of *Avtomatika i Telemekhanika*, a publication of the Academy of Sciences of the USSR). (Pittsburgh, Pa.) (Translation of *Avtomat. i Telemekh.*)
- Automatica—J. IFAC.* Automatica. The Journal of IFAC the International Federation of Automatic Control. (Oxford)
- **Avtomat. i Izchisl. Tehn.* *Avtomatika i Izchislitel'naja Tehnika.* (Sofia)
- Avtomat. i Telemekh.* *Akademija Nauk Sojuza SSR. Avtomatika i Telemekhanika.* (Moscow) (Translated as: *Automat. Remote Control*)
- Avtomat. i Vychisl. Tehn.* *Akademija Nauk Latvskoi SSR Avtomatika i Vychislitel'naja Tehnika.* (Riga) (Translated as: *Automat. Control*)
- Avtomatika.* *Akademija Nauk Ukrain'skoi RSR. Institut Elektro-tehniki. Avtomatika.* (Kiev) (Translated as: *Soviet Automat. Control*)
- Azerbaidžan. Gos. Univ. Učen. Zap. Ser. Fiz.-Mat. Nauk.* *Azerbaidžanskij Gosudarstvennyj Universitet im. S. M. Kirova. Učenyje Zapiski. Serija Fiziko-Matematičeskij Nauk.* (Baku)
- Balašov. Gos. Ped. Inst. Učen. Zap. Balašovskij Gosudarstvennyj Pedagogičeskij Institut. Učenyje Zapiski.* (Balašov)
- Bangabasi College Mag.* Bangabasi College Magazine. (Calcutta)
- Bangabasi Morning College Mag.* Bangabasi Morning College Magazine. (Calcutta)
- Barnaul. Gos. Ped. Inst. Učen. Zap. Ministerstvo Prosvetšeniya RSFSR. Barnaul'skij Gosudarstvennyj Pedagogičeskij Institut. Učenyje Zapiski.* (Barnaul)
- Bašk. Gos. Univ. Učen. Zap. Baškirkij Gosudarstvennyj Universitet. Učenyje Zapiski.* (Ufa)
- Bayer. Akad. Wiss. Math.-Natur. Kl. Abh.* Bayerische Akademie der Wissenschaften. Mathematisch-Naturwissenschaftliche Klasse. Abhandlungen. (Munich)
- Bayer. Akad. Wiss. Math.-Natur. Kl. S.-B.* Bayerische Akademie der Wissenschaften. Mathematisch-Naturwissenschaftliche Klasse. Sitzungsberichte. (Munich)
- Beijing Daxue Xuebao Ziran Kexue.* See *Acta Sci. Natur. Univ. Pekinensis.*
- **Beiträge Anal.* Beiträge zur Analysis. (Berlin)
- Bell J. Econom. and Management Sci.* The Bell Journal of Economics and Management Science. (New York)
- Bell System Tech. J.* The Bell System Technical Journal. (New York)
- Biometrics.* Biometrics. Journal of the Biometric Society. (Blackburg, Va.)
- Biometrika.* Biometrika. (London)
- Biometrische Z.* Biometrische Zeitschrift. (Berlin)
- BIT = Nordisk Tidskr. Informationsbehandling (BIT).*
- Biul. Lubel. Towarz. Nauk. Wydział II Mat. Fiz. Chem.* Biuletyn Lubelskiego Towarzystwa Naukowego. Wydział II. Matematyka. Fizyka. Chemia. (Lublin)
- Biul. Wojsk. Akad. Tech.* Biuletyn Wojskowej Akademii Technicznej im. Jarosława Dąbrowskiego. (Warsaw)
- Bjull. Inst. Teoret. Astronom.* *Akademija Nauk Sojuza Sovetskijh Socialističeskijh Respublik. Bjulleten' Instituta Teoretičeskoj Astronomii.* (Moscow)
- B'lgar. Akad. Nauk. Otdel. Mat. Fiz. Nauk. Izv. Fiz. Inst. s Aneb.* *B'lgarska Akademija na Naukite. Otdelenie za Matematičeski i Fizičeski Nauki. Izvestija na Fizičeskija Institut s Aneb.* (Sofia)
- B'lgar. Akad. Nauk. Otdel. Mat. Fiz. Nauk. Izv. Mat. Inst.* *B'lgarska Akademija na Naukite. Otdelenie za Matematičeski i Fizičeski Nauki. Izvestija na Matematičeskija Institut.* (Sofia)
- B'lgar. Akad. Nauk. Otdel. Tehn. Nauk. Izv. Inst. Tehn. Kibernet.* *B'lgarska Akademija na Naukite. Otdelenie za Tehničeski Nauki. Izvestija na Instituta po Tehničeska Kibernetika.* (Sofia)
- Bol. Fac. Ingen. Agrimens. Montevideo.* Boletín de la Facultad de Ingenieria y Agrimensura de Montevideo. (Montevideo)
- Bol. Mat.* Boletín de Matemáticas. (Bogotá)
- Bol. Soc. Mat. Mexicana.* Boletín de la Sociedad Matemática Mexicana. (Mexico City)
- Bol. Soc. Mat. São Paulo.* Boletim da Sociedade de Matemática de São Paulo. (São Paulo)
- Bol. Univ. Paraná Inst. Fis.* Boletim da Universidade do Paraná. Conselho de Pesquisas. Instituto de Física. (Paraná)
- Boll. Un. Mat. Ital.* Bollettino della Unione Matematica Italiana. (Bologna)
- Bonn. Math. Schr.* Bonner Mathematische Schriften. (Bonn)
- British J. Hist. Sci.* British Society for the History of Science. British Journal for the History of Science. (London)
- British J. Math. Statist. Psychology.* The British Journal of Mathematical and Statistical Psychology. (London)
- British J. Philos. Sci.* The British Journal for the Philosophy of Science. (Edinburgh)
- Buharsk. Gos. Ped. Inst. Učen. Zap. Ser. Fiz.-Mat. Nauk.* *Buharskij Gosudarstvennyj Pedagogičeskij Institut. Učenyje Zapiski. Serija Fiziko-Matematičeskij Nauk.* (Bukhara)
- Bul. Akad. Štiinca RSS Moldoven.* *Akademija Nauk Moldavskoi SSR. Izvestija Akademii Nauk Moldavskoi SSR. Buletinul Akademiei de Științe a RSS Moldovenești.* (Kishinev)
- Bul. Inst. Politehn. Brașov Ser. A Mec.* Buletinul Institutului Politehnic din Brașov. Seria A. Mecanică. (Brașov)
- Bul. Inst. Politehn. București.* Buletinul Institutului Politehnic București. (Bucharest)
- Bul. Inst. Politehn. Iași.* Buletinul Institutului Politehnic din Iași. Serie Nouă. (Iași)
- Bul. Ști. Inst. Politehn. Cluj.* Buletinul Științific al Institutului Politehnic din Cluj. (Cluj)
- Bul. Ști. Tehn. Inst. Politehn. Timișoara.* Buletinul Științific și Tehnic al Institutului Politehnic Timișoara. Serie Nouă. (Timișoara) (Continued as: *Bul. Ști. Tehn. Inst. Politehn. Timișoara—Ser. Mat.-Fiz.-Mec. Teoret. Apl.*)
- **Bul. Ști. Tehn. Inst. Politehn. Timișoara—Ser. Mat.-Fiz.-Mec. Teoret. Apl.* Buletinul Științific și Tehnic al Institutului Politehnic Timișoara. Seria Matematica-Fizica-Mecanica Teoretică și Aplicată. (Timișoara) (Formerly: *Bul. Ști. Tehn. Inst. Politehn. Timișoara*)
- Bull. Acad. Polon. Sci. Sér. Sci. Math. Astronom. Phys.* Bulletin de l'Académie Polonaise des Sciences. Série des Sciences Mathématiques, Astronomiques et Physiques. (Warsaw)
- Bull. Acad. Polon. Sci. Sér. Sci. Tech.* Bulletin de l'Académie Polonaise des Sciences. Série des Sciences Techniques. (Warsaw)
- Bull. Acad. Serbe Sci. Arts Cl. Sci. Math. Natur. Sci. Math.* Bulletin de l'Académie Serbe des Sciences et des Arts. Classe des Sciences Mathématiques et Naturelles. Sciences Mathématiques. (Belgrade)
- Bull. Amer. Math. Soc.* Bulletin of the American Mathematical Society. (Providence, R.I.)

ABBREVIATIONS OF NAMES OF JOURNALS

- Bull. Austral. Math. Soc.* Bulletin of the Australian Mathematical Society (St. Lucia)
- Bull. Calcutta Math. Soc.* Bulletin of the Calcutta Mathematical Society. (Calcutta)
- Bull. College Sci. (Baghdad).* Bulletin of the College of Science. (Baghdad)
- **Bull. Direction Études Recherches Sér. C Math. Informat.* Électricité de France. Bulletin de la Direction des Études et Recherches. Série C. Mathématiques. Informatique. (Grenoble)
- Bull. Fac. Ed. Univ. Kagoshima.* Bulletin of the Faculty of Education, University of Kagoshima. (Kagoshima)
- Bull. Fac. Ed. Utsunomiya Univ.* Bulletin of the Faculty of Education. Utsunomiya University. (Utsunomiya)
- **Bull. Fac. Engrg. Miyazaki Univ.* Bulletin of the Faculty of Engineering. Miyazaki University. (Miyazaki)
- Bull. Fac. Sci. Ibaraki Univ. Ser. A.* Bulletin of the Faculty of Science. Ibaraki University. Series A. Mathematics. (Ibaraki)
- Bull. Fukuoka Univ. Ed. III.* Bulletin of Fukuoka University of Education. Part III. Natural Sciences. (Fukuoka)
- Bull. Géodésique.* Bulletin Géodésique. (Paris)
- Bull. Inst. Internat. Statist.* Bulletin de l'Institut International de Statistique. (The Hague)
- Bull. Inst. Statist. Res. Training.* Institute of Statistical Research and Training. University of Dacca. The Bulletin of the Institute of Statistical Research and Training. (Dacca)
- Bull. Kyoto Univ. Ed. Ser. B.* Bulletin of the Kyoto University of Education. Series B. Mathematics and Natural Science. (Kyoto)
- Bull. Kyushu Inst. Tech. Math. Natur. Sci.* Bulletin of the Kyushu Institute of Technology. Mathematics, Natural Science. (Tobata)
- Bull. London Math. Soc.* The Bulletin of the London Mathematical Society. (London)
- Bull. Math. Biophys.* The Bulletin of Mathematical Biophysics. (Ann Arbor, Mich.)
- Bull. Math. Soc. Sci. Math. R. S. Roumanie.* Bulletin Mathématique de la Société des Sciences Mathématiques de la République Socialiste de Roumanie. (Bucharest)
- Bull. Math. Statist.* Bulletin of Mathematical Statistics. (Fukuoka)
- **Bull. Nagoya Inst. Tech.* Bulletin of Nagoya Institute of Technology. (Nagoya)
- Bull. Nara Univ. Ed. Natur. Sci.* Bulletin of Nara University of Education. Natural Science. (Nara)
- **Bull. Oxford Univ. Inst. Econom. Statist.* Bulletin of the Oxford University Institute of Economics and Statistics. (Oxford)
- Bull. Sci. Conseil Acad. RSF Yougoslav. Sect. A.* Bulletin Scientifique. Conseil des Académies de la RSF de Yougoslavie. Section A. (Zagreb)
- Bull. Sci. Engrg. Res. Lab. Waseda Univ.* Bulletin of Science and Engineering Research Laboratory. Waseda University. (Tokyo)
- Bull. Sci. Math.* Bulletin des Sciences Mathématiques. (Paris)
- **Bull. Signal. 110.* Centre National de la Recherche Scientifique. Bulletin Signalétique 110. Informatique. Automatique. Recherche Opérationnelle. Gestion. (Paris) (Formerly: *Bull. Signal. 110 Math. Appl. Informat. Automat.*)
- Bull. Signal. 110 Math. Appl. Informat. Automat.* Centre National de la Recherche Scientifique. Bulletin Signalétique 110. Mathématiques Appliquées. Informatique. Automatique. (Paris) (Continued as: *Bull. Signal. 110*)
- Bull. Soc. Math. Belg.* Bulletin de la Société Mathématique de Belgique. (Brussels)
- Bull. Soc. Math. France.* Bulletin de la Société Mathématique de France. (Paris)
- Bull. Soc. Math. Grèce.* Bulletin de la Société Mathématique de Grèce. (Athens)
- Bull. Soc. Math. Phys. Macédoine.* Bulletin de la Société des Mathématiciens et des Physiciens de la République Populaire de Macédoine. Biltén na Društvo na Matematičarite i Fizičarite od Socialistička Republika Makedonija. (Skopje)
- Bull. Soc. Roy. Sci. Liège.* Bulletin de la Société Royale des Sciences de Liège. (Liège)
- Bull. Soc. Sci. Lettres Lódz.* Bulletin de la Société des Sciences et des Lettres de Lódz. (Lódz)
- Bull. Tokyo Gakugei Univ.* Bulletin of Tokyo Gakugei University. (Tokyo)
- Bull. Univ. Osaka Prefecture Ser. A.* Bulletin of University of Osaka Prefecture. Series A. Engineering and Natural Sciences. (Osaka)
- Bull. Yamagata Univ. Natur. Sci.* Bulletin of the Yamagata University. (Natural Science). (Yamagata)
- C. R. Acad. Bulgare Sci.* Doklady Bolgarskoj Akademii Nauk. Comptes Rendus de l'Académie Bulgare des Sciences. (Sofia)
- C. R. Acad. Sci. Paris Sér. A-B.* Comptes Rendus Hebdomadaires des Séances de l'Académie des Sciences. Séries A et B. (Paris)
- Cahiers Centre Études Recherche Opér.* Cahiers du Centre d'Études de Recherche Opérationnelle. (Brussels)
- Cahiers Topologie Géom. Différentielle.* Cahiers de Topologie et Géométrie Différentielle. (Paris)
- Calcolo.* Calcolo. (Rome)
- Calcutta Statist. Assoc. Bull.* Calcutta Statistical Association Bulletin. (Calcutta)
- Canad. J. Math.* Canadian Journal of Mathematics. Journal Canadien de Mathématiques. (Toronto, Ont.)
- Canad. J. Phys.* Canadian Journal of Physics. (Ottawa, Ont.)
- Canad. Math. Bull.* Canadian Mathematical Bulletin. Bulletin Canadien de Mathématiques. (Toronto, Ont.)
- Časopis Pěst. Mat.* Československá Akademie Věd. Časopis pro Pěstování Matematiky. (Prague)
- Čečeno-Inguš. Gos. Ped. Inst. Učen. Zap.* Čečeno-Ingušskij Gosudarstvennyj Pedagogičeskij Institut. Učenyje Zapiski. (Groznyj)
- Celestial Mech.* Celestial Mechanics. (Dordrecht)
- Čeljabinsk. Gos. Ped. Inst. Trudy.* Čeljabinskij Gosudarstvennyj Pedagogičeskij Institut. Trudy. (Chelyabinsk)
- Centaurus.* Centaurus. (Copenhagen)
- Chem. Phys. Lett.* Chemical Physics Letters. (Amsterdam)
- Chinese J. Phys. (Peking).* Chinese Journal of Physics (Peking). (A translation of *Acta Physica Sinica* of the Chinese Academy of Sciences, Peking) (New York) (Translation of *Acta Phys. Sinica*)
- Chinese Math.—Acta.* Chinese Mathematics. Translation of *Acta Mathematica Sinica*. (Providence, R.I.) (Translation of *Acta Math. Sinica*)
- Cho-sŏn In-min Kong-hwa-kuk Kwa-hak-wŏn T'ong-p'o.* (Academy of Science of the People's Republic of Korea. Bulletin) Cho-sŏn Min-ju-ŭi In-min Kong-hwa-kuk Kwa-hak-wŏn. T'ong-p'o. (Pyongyang)
- Čitin. Gos. Ped. Inst. Učen. Zap.* Čitinskij Gosudarstvennyj Pedagogičeskij Institut. Učenyje Zapiski. (Chita)
- Collect. Math.* Consejo Superior de Investigaciones Científicas. Universidad de Barcelona. Collectanea Mathematica. Seminario Matemático de Barcelona. (Barcelona)
- Colloq. Math.* Colloquium Mathematicum. (Warsaw)
- Comm. ACM.* Communications of the Association for Computing Machinery. (New York)
- Comm. Dublin Inst. Adv. Studies Ser. A.* Communications of the Dublin Institute for Advanced Studies. Series A. (Dublin)

ABBREVIATIONS OF NAMES OF JOURNALS

- Comm. Fac. Sci. Univ. Ankara Sér. A.* Communications de la Faculté des Sciences de l'Université d'Ankara. Série A. Mathématiques-Physique-Astronomie. (Ankara)
- Comm. Math. Phys.* Communications in Mathematical Physics. (Berlin)
- Comm. Pure Appl. Math.* Communications on Pure and Applied Mathematics. (New York)
- Comment. Math. Helv.* Commentarii Mathematici Helvetici. (Zürich)
- Comment. Math. Prace Mat.* Roczniki Polskiego Towarzystwa Matematycznego. Seria I. Commentationes Mathematicae. Prace Matematyczne. (Warsaw)
- Comment. Math. Univ. Carolinae.* Commentationes Mathematicae Universitatis Carolinae. (Prague)
- Comment. Math. Univ. St. Paul.* Commentarii Mathematici Universitatis Sancti Pauli. Rikkyō Daigaku Sōgaku Zasshi. (Tokyo)
- Compositio Math.* Compositio Mathematica. (Groningen)
- Comput. and Control Abstracts.* Computer and Control Abstracts. (New York)
- Comput. J.* The Computer Journal. (London)
- Comput. Rev.* Computing Reviews. (New York) (Usually abbreviated *CR* in the text of *Math. Reviews*)
- Comput. Surveys.* Computing Surveys. ACM. (New York)
- *Computers & Structures.* Computers & Structures. (New York)
- Computing (Arch. Elektron. Rechnen).* Computing. Archiv für elektronisches Rechnen. Archives for Electronic Computing. (Vienna)
- *COMSAT Tech. Rev.* COMSAT Technical Review. (Washington, D.C.)
- Confer. Sem. Mat. Univ. Bari.* Conferenza del Seminario di Matematica dell'Università di Bari. (Bari)
- Contents Contemporary Math. J. and New Publ.* Contents of Contemporary Mathematical Journals and New Publishers. (Providence, R.I.)
- CR.* Computing Reviews. (New York)
- Čuvaš. Gos. Ped. Inst. Učen. Zap.* Ministerstvo Prosvešćenija RSFSR. Čuvaški Gosudarstvennyj Pedagogičeskij Institut im. I. Ja. Jakovleva. Učenyje Zapiski. (Cheboksary) (May also appear as: Čuvaš. Gos. Univ. i Čuvaš. Gos. Ped. Inst. Učen. Zap.)
- Čuvaš. Gos. Univ. i Čuvaš. Gos. Ped. Inst. Učen. Zap.* Čuvaški Gosudarstvennyj Universitet imeni I. N. Ul'janova. Čuvaški Gosudarstvennyj Pedagogičeskij Institut imeni I. Ja. Jakovleva. Učenyje Zapiski. (Cheboksary) (May also appear as: Čuvaš. Gos. Ped. Inst. Učen. Zap.)
- Cybernetics.* Cybernetics. (New York) (A translation of *Kibernetika* (Kiev))
- Czasopis. Techn.* Politechnika Krakowska i Krakowskie Zjednoczenie Budownictwa. Czasopismo Techniczne. (Kraków)
- Czechoslovak J. Phys.* Čehoslovačkaja Akademija Nauk. Čehoslovačkij Fizičeskij Žurnal. Czechoslovak Academy of Sciences. Czechoslovak Journal of Physics. (Prague)
- Czechoslovak Math. J.* Čehoslovačkaja Akademija Nauk. Čehoslovačkij Matematičeskij Žurnal. Czechoslovak Mathematical Journal. (Prague)
- Dagestan. Gos. Univ. Učen. Zap.* Dagestanskij Gosudarstvennyj Universitet imeni V. I. Lenina. Učenyje Zapiski. (Makhachkala)
- Dal'nevostoč. Gos. Univ. Učen. Zap.* Dal'nevostočnyj Gosudarstvennyj Universitet. Učenyje Zapiski (Serija fiziko-matematičeskikh Nauk). (Vladivostok)
- Danske Vid. Selsk. Mat.-Fys. Medd.* Det Kongelige Danske Videnskabsnæstakab Matematisk-fysiske Meddelelser. (Copenhagen)
- Defence Sci. J.* Defence Science Journal. (Delhi)
- Delta (Waukesha).* Delta. Waukesha Mathematics Society. (Waukesha, Wis.)
- Demonstratio Math.* Demonstratio Mathematica. (Warsaw)
- Denshi Tsushin Gakkai Ronbunshi.* See *Electron. Commun. Japan*.
- Differencial'nye Uravnenija.* Differencial'nye Uravnenija. (Minsk) (Translated as: *Differential Equations*)
- Differential Equations.* Differential Equations. (New York) (Translation of *Differencial'nye Uravnenija*)
- Discrete Math.* Discrete Mathematics. (Amsterdam)
- Diskret. Analiz.* Akademija Nauk SSSR. Sibirskoe Otdelenie. Institut Matematiki. Diskretnyj Analiz. Sbornik Trudov. (Novosibirsk)
- Dissertationes Math. Rozprawy Mat.* Polskiej Akademii Nauk. Instytut Matematyczny. Dissertationes Mathematicae. Rozprawy Matematyczne. (Warsaw)
- Dokl. Akad. Nauk BSSR.* Doklady Akademii Nauk BSSR. (Minsk)
- Dokl. Akad. Nauk SSSR.* Doklady Akademii Nauk SSSR. (Moscow) (Mathematics section translated as: *Soviet Math. Dokl.*; Physics section translated as: *Soviet Physics Dokl.*)
- Dokl. Akad. Nauk Tadzhik. SSR.* Doklady Akademii Nauk Tadzhikskoi SSR. (Dushanbe)
- Dokl. Akad. Nauk UzSSR.* Doklady Akademii Nauk UzSSR. (Tashkent)
- Dopovidі Akad. Nauk Ukraїn. RSR Ser. A.* Dopovidі Akademii Nauk Ukraїn's'koї RSR. Serija A. (Kiev)
- Dopovidі Akad. Nauk Ukraїn. RSR Ser. B.* Dopovidі Akademii Nauk Ukraїn's'koї RSR. Serija B. (Kiev)
- Duke Math. J.* Duke Mathematical Journal. (Durham, N.C.)
- Dušanbin. Gos. Ped. Inst. Učen. Zap.* Dušanbinskij Gosudarstvennyj Pedagogičeskij Institut im. T. G. Ševčenko. Učenyje Zapiski. (Dushanbe)
- DVT—Dějiny Věd a Techniky.* DVT—Dějiny Věd a Techniky. Společnost pro Dějiny Věd a Techniky. (Prague)
- Econom. Comp. Econom. Cybernet. Stud. Res.* Economic Computation and Economic Cybernetics Studies and Research. (Bucharest)
- Econometrica.* Econometrica. Journal of the Econometric Society. (Chicago, Ill.)
- EEA.* Science Abstracts. Electrical & Electronics Abstracts. (London)
- Eesti NSV Tead. Akad. Füüs. Astronoom. Inst. Uurim.* Eesti NSV Teaduste Akadeemia Füüsika ja Astronoomia Instituudi Uurimused. (Trudy Instituta Fiziki i Astronomii Akademii Nauk Estonskoj SSR). Publikacii Tartuskoi Astronomičeskoi Observatorii. (Tartu)
- Eesti NSV Tead. Akad. Tartu Astronoom. Observ. Publ.* Eesti NSV Teaduste Akadeemia Tartu Astronoomia Observatooriumi Publikatsioonid. (Tartu)
- Eesti NSV Tead. Akad. Toimetised Füüs.-Mat.* Eesti NSV Teaduste Akadeemia Toimetised. Füüsika-Matemaatika. Izvestija Akademii Nauk Estonskoj SSR. Serija Fizika-Matemaatika. (Tallin)
- Ėkonom. i Mat. Metody.* Ėkonomika i Matematičeskije Metody. (Moscow)
- Ėkonom.-Mat. Obzor.* Ėkonomičeskaja Akademija Věd. Ėkonomičeskij Matematičeskij Obzor. (Prague)
- Elabuz. Gos. Ped. Inst. Učen. Zap.* Elabuzskij Gosudarstvennyj Pedagogičeskij Institut. Učenyje Zapiski. (Kazan)
- Electrical & Electronics Abstracts.* Science Abstracts. Electrical & Electronics Abstracts. (London) (Usually abbreviated *EEA* in the text of *Math. Reviews*)
- Electron. Commun. Japan.* Electronics and Communications in Japan. The Transactions of the Institute of Electronics and Communication Engineers of Japan. (New York) (Translation of *Denshi Tsushin Gakkai Ronbunshi*)
- *Electron. Lett.* Electronics Letters. (London)

ABBREVIATIONS OF NAMES OF JOURNALS

- Elektron. Informationsverarbeitung. Kybernetik.* Sektion für Kybernetik beim Präsidium der Deutschen Akademie der Wissenschaften zu Berlin und der Mathematischen Gesellschaft der Deutschen Demokratischen Republik. Elektronische Informationsverarbeitung und Kybernetik. (Berlin)
- Klem. Math.* Elemente der Mathematik. Revue de Mathématiques Élémentaires. Rivista de Matematica Elementare. (Basel)
- Engng. Cybernetics.* Engineering Cybernetics. English Edition of *Tehničkaja Kibernetika*. (New York) (Translation of *Izv. Akad. Nauk SSSR Tehn. Kibernet.*)
- Enseignement Math.* L'Enseignement Mathématique. (Geneva)
- Estadíst. Española.* Estadística Española. (Madrid)
- Estadística.* Estadística. (Washington, D.C.)
- Euclides (Groningen).* Euclides. Maandblad voor de Didactiek van de Wiskunde. (Groningen)
- Fac. Ingen. Agrimens. Montevideo Publ. Didáct. Inst. Mat. Estadíst.* Facultad de Ingeniería y Agrimensura. Montevideo. Publicaciones Didácticas del Instituto de Matemática y Estadística. (Montevideo)
- Fac. Sci. Univ. Skopje Annuaire.* Faculté des Sciences de l'Université de Skopje. Annuaire. (Skopje)
- Fasc. Math. Politechnika Poznańska. Zeszyty Matematyczne.* Fasciculi Mathematici. (Poznań)
- Fergan. Gos. Ped. Inst. Učen. Zap.* Ministerstvo Vyšego i Srednego Special'nogo Obrazovaniya Uzbekskoi SSR. Ferganskii Gosudarstvennyi Pedagogičeskii Institut imeni Ulugbeka. Učenyje Zapiski. Serija Matematičeskaja. (Fergana)
- Fibonacci Quart.* The Fibonacci Quarterly. Official Organ of the Fibonacci Association. A journal devoted to the study of integers with special properties. (St. Mary's College, Calif.)
- *Fields and Quanta.* Fields and Quanta. (London)
- Fizika (Zagreb).* Fizika. A Journal of Experimental and Theoretical Physics. (Zagreb)
- Fiz.-Mat. Spis. B'lgar. Akad. Nauk. B'lgarska Akademija na Naukite Fizičeskii Institut. Matematičeskii Institut. Fiziko-Matematičesko Spisanie.* (Sofia)
- Fluid Dynamics.* Fluid Dynamics. (New York) (Translation of *Izv. Akad. Nauk SSSR Ser. Meh. Židk. Gaza*)
- FOA Rep.* FOA Reports. Försvarets Forskningsanstalt (Research Institute of National Defence). (Stockholm)
- Formosan Sci.* Formosan Science. (Taipei)
- Fortschr. Physik.* Fortschritte der Physik. (Berlin)
- Found. Language.* International Journal of Language and Philosophy. Foundations of Language. (Dordrecht)
- Found. Phys.* Foundations of Physics. (New York)
- *Frequenz—Z. Schwingungs- und Schwachstromtech.* Frequenz. Zeitschrift für Schwingungs- und Schwachstromtechnik. (Berlin)
- Functional Anal. Appl.* Functional Analysis and its Applications. (New York) (Translation of *Funkcional. Anal. i Prilozhen.*)
- Fund. Math.* Polska Akademia Nauk. Fundamenta Mathematicae. (Warsaw)
- Funkcial. Ekvac.* Fako de l'Funkcialaj Ekvacioj Japana Matematika Societo. Funkcialaj Ekvacioj. (Serio Internacia). (Kobe)
- Funkcional. Anal. i Prilozhen.* Akademija Nauk SSSR. Funkcional'nyj Analiz i ego Prilozhenija. (Moscow) (Translated as: *Functional Anal. Appl.*)
- Fyz. Časopis Sloven. Akad. Vied.* Fyzikálny Časopis Slovenskej Akadémie Vied. (Bratislava)
- Gac. Mat. (Madrid).* Gaceta Matemática. (Madrid)
- Gamogenez. Math. Inst. Sem. Mošsen. Anotacis.* Tbilisis Universiteti. Gamogenezbithi Matematikis Institutis Seminari. Mošsenebatha Anotaciebi. (Tbilisi) (Also listed as: *Sem. Inst. Prikl. Mat. Anotac. Doklady*)
- Ganita. Ganita (Mathematics).* Bharat Ganita Parishad (Benares Mathematical Society). (Lucknow)
- Gaz. Mat. (Lisboa).* Gazeta de Matemática. (Lisbon)
- Gaz. Mat. Ser. A.* Societatea de Științe Matematice din R. P. R. Gazeta Matematică. Publicație Pentru Studiul și Răspîndirea Științelor Matematice. Seria A. (Bucharest)
- General Relativity and Gravitation.* General Relativity and Gravitation. (London)
- General Topology and Appl.* General Topology and its Applications. (Amsterdam)
- Geodæt. Inst. Medd.* Geodætisk Institut. Meddelelse. (Copenhagen)
- Geodes. and Aerophot.* Geodesy and Aerophotography. (Washington, D.C.) (Translation of *Izv. Vysš. Učebn. Zaved. Geod. i Akrofot.*)
- Gidrodinam. i Teor. Uprugosti.* Hidrodinamika i Teorija Uprugosti. (Kharkov)
- Giorn. Ist. Ital. Attuari.* Giornale dell'Istituto Italiano degli Attuari. (Rome)
- Giorn. Mat. Battaglini.* Giornale di Matematiche di Battaglini. (Naples)
- Glasgow Math. J.* Glasgow Mathematical Journal. (Glasgow)
- Glasnik Mat. Ser. III.* Društvo Matematicara i Fizičara S. R. Hrvatska. Glasnik Matematički. Serija III. (Zagreb)
- Godišnik Inf.-Stroitel. Inst.* Godišnik na Inžerno-Stroitelniya Institut. (Sofia)
- Godišnik Visš. Himikotehn. Inst. (Burgas).* Godišnik Visšija Himikotehnologičeski Institut. Burgas. (Sofia)
- Godišnik Visš. Tehn. Učebn. Zaved. Fiz.* Godišnik na Visšite Tehničeski Učebni Zavedenija. Fizika. (Sofia)
- Godišnik Visš. Tehn. Učebn. Zaved. Mat.* Godišnik na Visšite Tehničeski Učebni Zavedenija. Matematika. (Sofia)
- Godišnik Visš. Tehn. Učebn. Zaved. Priložna Meh.* Godišnik na Visšite Tehničeski Učebni Zavedenija. Priložna Mehanika. (Sofia)
- Godišnjak Filozof. Fak. u Novom Sadu.* Godišnjak Filozofskog Fakulteta u Novom Sadu. (Novi Sad) (Continued as: *Univ. u Novom Sadu Zb. Rad. Prirod.-Mat. Fak.*)
- Gor'kov. Gos. Univ. Učen. Zap.* Gor'kovskii Gosudarstvennyi Universitet. Učenyje Zapiski. (Gorki)
- Gruzin. Politehn. Inst. Trudy.* Gruzinskii Politehničeskii Institut im. V. I. Lenina. Trudy. (Tbilisi) See *V. I. Lenin. Sakharth. Politisk. Inst. Šrom.*
- Helv. Phys. Acta.* Helvetica Physica Acta. Societatis Physicae Helveticae Commentaria Publica. (Basel)
- Hiroshima Math. J.* Hiroshima Mathematical Journal. (Hiroshima) (Formerly: *J. Sci. Hiroshima Univ. Ser. A-I Math.*)
- Hist. of Sci.* History of Science. An Annual Review of Literature, Research, and Teaching. (Cambridge, England)
- Hitotsubashi J. Arts Sci.* Hitotsubashi Journal of Arts & Sciences. Hitotsubashi University. (Tokyo)
- IBM J. Res. Develop.* IBM Journal of Research and Development. (New York)
- IBM Systems J.* International Business Machines Corporation. IBM Systems Journal. (Armonk, N.Y.)
- Icarus.* Icarus. International Journal of the Solar System. (New York)
- IEEE Trans. Aerospace and Electron. Systems.* IEEE Transactions on Aerospace and Electronic Systems. (New York)
- IEEE Trans. Antennas and Propagation.* IEEE Transactions on Antennas and Propagation. (New York)
- IEEE Trans. Automatic Control.* IEEE Transactions on Automatic Control. (New York)

ABBREVIATIONS OF NAMES OF JOURNALS

- IEEE Trans. Circuit Theory.* IEEE Transactions on Circuit Theory. (New York)
- IEEE Trans. Comm. Tech.* IEEE Transactions on Communication Technology. (New York)
- IEEE Trans. Computers.* IEEE Transactions on Computers. (New York)
- IEEE Trans. Geosci. Electronics.* IEEE Transactions on Geoscience Electronics. (New York)
- IEEE Trans. Information Theory.* IEEE Transactions on Information Theory. (New York)
- **IEEE Trans. Systems, Man, and Cybernet.* IEEE Transactions on Systems, Man, and Cybernetics. (New York)
- Illinois J. Math.* Illinois Journal of Mathematics. (Urbana, Ill.)
- Indag. Math.* Indagationes Mathematicae. See *Nederl. Akad. Wetensch. Indag. Math.*
- Indian J. Engng. Math.* Indian Journal of Engineering Mathematics. (Agra)
- Indian J. History Sci.* Indian Journal of History of Science. National Institute of Sciences of India. (New Delhi)
- Indian J. Math.* Indian Journal of Mathematics. (Allahabad)
- Indian J. Mech. Math.* Indian Journal of Mechanics and Mathematics. (Calcutta)
- Indian J. Pure Appl. Math.* Indian Journal of Pure and Applied Mathematics. (New Delhi)
- Indiana Univ. Math. J.* Indiana University Mathematics Journal. (Bloomington, Ind.)
- Indust. Math.* Industrial Mathematics. (Detroit, Mich.)
- INFOR—Canad. J. Operational Res. and Information Processing.* INFOR. Canadian Journal of Operational Research and Information Processing. (Toronto)
- Informác.-Elektron.* Információ-Elektronika. A Központi Statisztikai Hivatal Folyóirata. (Budapest)
- Information and Control.* Information and Control. (New York)
- Information Processing in Japan.* Information Processing in Japan. (Tokyo)
- **Information Processing Lett.* Information Processing Letters. (Amsterdam)
- Information Sci.* Information Sciences. An International Journal. (New York)
- Inst. Gulbenkian Ci. Centro Cálcl. Ci. Estud. Program. Anál. Numér.* Fundação Calouste Gulbenkian. Instituto Gulbenkian de Ciência. Centro de Cálculo Científico. Estudos de Programação e Análise Numérica. (Lisbon)
- Inst. Hautes Études Sci. Publ. Math.* Institut des Hautes Études Scientifiques. Publications Mathématiques. (Paris)
- **Internat. Econom. Rev.* International Economic Review. (Osaka-Philadelphia, Pa.)
- Internat. J. Comput. Math.* International Journal of Computer Mathematics. (New York)
- Internat. J. Control.* International Journal of Control. (London)
- **Internat. J. Electron.* International Journal of Electronics. (London)
- Internat. J. Engng. Sci.* International Journal of Engineering Science. (Oxford-New York)
- **Internat. J. Game Theory.* International Journal of Game Theory. (Vienna)
- **Internat. J. Man-Machine Studies.* International Journal of Man-Machine Studies. (London)
- Internat. J. Non-Linear Mech.* International Journal of Non-Linear Mechanics. (New York)
- Internat. J. Numer. Methods Engng.* International Journal for Numerical Methods in Engineering. (London)
- **Internat. J. Solids and Structures.* International Journal of Solids and Structures. (New York)
- Internat. J. Systems Sci.* International Journal of Systems Science. (London)
- Internat. J. Theoret. Phys.* International Journal of Theoretical Physics. (London)
- **Internat. Logic Rev.* International Logic Review. Ramegna Internazionale di Logica. (Bologna)
- **Internat. Statist. Rev.* International Statistical Review. Revue Internationale de Statistique. (London) (Formerly: *Rev. Inst. Internat. Statist.*)
- Invent. Math.* Inventiones Mathematicae. (Berlin)
- Inst.-Stroitel. Inst. Kuibyshev. Sb. Trudov.* Moskovskii Ordena Trudovogo Krasnogo Znameni Inzhenerno-Stroitel'nyi Institut im. V. V. Kuibysheva. Sbornik Trudov. (Moscow)
- Inst. Z. Mekh. Tverd. Tela.* Inzhenernyi Zhurnal. Mehanika Tverdogo Tela. (Moscow) (Translated as: *Mechanics of Solids*)
- Iis.* Iis. An International Review Devoted to the History of Science and Civilization. (Cambridge, Mass.)
- Israel J. Math.* Israel Journal of Mathematics. (Jerusalem)
- Ist. Lombardo Accad. Sci. Lett. Rend. A.* Istituto Lombardo. Accademia di Scienze e Lettere. Rendiconti. Scienze Matematiche, Fisiche, Chimiche e Geologiche. A. (Milan)
- Ist. Veneto Sci. Lett. Arti Atti Cl. Sci. Mat. Natur.* Istituto Veneto de Scienze, Lettere ed Arti. Venezia. Atti. Classe de Scienze Matematiche e Naturali. (Venice)
- Istanbul Tek. Univ. Bül.* İstanbul Teknik Üniversitesi Bülteni. Bulletin of the Technical University of Istanbul. (Istanbul)
- Istanbul Univ. Fen Fak. Mec. Ser. A.* İstanbul Üniversitesi Fen Fakültesi Mecmuası. A Series: Surfi ve Tatbiki Matematik. Revue de la Faculté des Sciences de l'Université d'Istanbul. Série A: Mathématiques Pures et Appliquées. (Istanbul)
- Istor.-Astronom. Issled.* Istoriko-Astronomicheskie Issledovaniya. (Moscow)
- Istor.-Mat. Issled.* Istoriko-Matematicheskie Issledovaniya. (Moscow-Leningrad)
- Ivanov. Gos. Ped. Inst. Uchen. Zap.* Ministerstvo Prosveshcheniya RSFSR. Ivanovskii Gosudarstvennyi Pedagogicheskii Institut im. D. A. Furmanova. Ivanovskoe Matematicheskoe Obshchestvo. Uchenye Zapiski. (Ivanovo)
- Izv. Acad. Sci. USSR Atmospher. Ocean. Phys.* Izvestiya Academy of Sciences USSR. Atmospheric and Oceanic Physics. (Washington, D.C.) (Translation of *Izv. Akad. Nauk SSSR Ser. Fiz. Atmosfer. i Okeana*)
- Izv. Acad. Sci. USSR Phys. Solid Earth.* Izvestiya Academy of Sciences USSR. Physics of the Solid Earth. (Washington, D.C.) (Translation of *Izv. Akad. Nauk SSSR Ser. Fiz. Zemli*)
- Izv. Akad. Nauk Armjan. SSR Ser. Fiz.* Izvestiya Akademii Nauk Armjanskoi SSR. Seriya Fizika. (Erevan)
- Izv. Akad. Nauk Armjan. SSR Ser. Mat.* Izvestiya Akademii Nauk Armjanskoi SSR. Seriya Matematika. (Erevan)
- Izv. Akad. Nauk Armjan. SSR Ser. Mekh.* Izvestiya Akademii Nauk Armjanskoi SSR. Seriya Mehanika. (Erevan)
- Izv. Akad. Nauk Azerbaidzhan. SSR Ser. Fiz.-Tehn. Mat. Nauk.* Izvestiya Akademii Nauk Azerbaidzanskoi SSR. Seriya Fiziko-Tekhnicheskikh i Matematicheskikh Nauk. (Baku)
- Izv. Akad. Nauk Kazakh. SSR Ser. Fiz.-Mat.* Izvestiya Akademii Nauk Kazakhskoi SSR. Seriya Fiziko-Matematicheskaja. (Alma-Ata)
- Izv. Akad. Nauk Kirgiz. SSR.* Izvestiya Akademii Nauk Kirgizskoi SSR. (Frunze)
- Izv. Akad. Nauk Moldav. SSR = Bul. Akad. Stiince RSS Moldoven.*

ABBREVIATIONS OF NAMES OF JOURNALS

- Izv. Akad. Nauk SSSR Ser. Fiz. Atmosfer. i Okeana.* *Izvestija Akademii Nauk SSSR. Serija Fizika Atmosfery i Okeana.* (Moscow) (Translated as: *Izv. Acad. Sci. USSR Atmospher. Ocean. Phys.*)
- Izv. Akad. Nauk SSSR Ser. Fiz. Zemli.* *Izvestija Akademii Nauk SSSR Serija Fizika Zemli.* (Moscow) (Translated as: *Izv. Acad. Sci. USSR Phys. Solid Earth*)
- Izv. Akad. Nauk SSSR Ser. Mat.* *Izvestija Akademii Nauk SSSR. Serija Matematicheskaja.* (Moscow) (Translated as: *Math. USSR. Izv.*)
- Izv. Akad. Nauk SSSR Ser. Meh. Židk. Gaza.* *Akademija Nauk SSSR. Izvestija Akademii Nauk SSSR. Serija Mehanika Židkosti i Gaza.* (Moscow) (Translated as: *Fluid Dynamics*)
- Izv. Akad. Nauk SSSR Tehn. Kibernet.* *Izvestija Akademii Nauk SSSR. Tehničeskaja Kibernetika.* (Moscow) (Translated as: *Engng. Cybernetics*)
- Izv. Akad. Nauk Tadžik. SSR Otdel. Fiz.-Mat. i Geolog.-Him. Nauk.* *Izvestija Akademii Nauk Tadžikskoi SSR. Otdelenie Fiziko-Matematičeskikh i Geologo-Himičeskikh Nauk.* (Dushanbe)
- Izv. Akad. Nauk Turkmen. SSR Ser. Fiz.-Tehn. Him. Geol. Nauk.* *Izvestija Akademii Nauk Turkmenaskoi SSR. Serija Fiziko-Tehničeskikh, Himičeskikh i Geologičeskikh Nauk.* (Ashkhabad)
- Izv. Akad. Nauk UzSSR Ser. Fiz.-Mat. Nauk.* *Izvestija Akademii Nauk UzSSR. Serija Fiziko-Matematičeskikh Nauk.* UzSSR Fanlar Akademijasining Ahboroti. *Fizika-Matematika Fanlari Serijasi.* (Tashkent)
- Izv. Kazan. Fil. Akad. Nauk SSSR Ser. Fiz.-Mat. i Tehn. Nauk.* *Izvestija Kazanskogo Filiala Akademii Nauk SSSR. Serija Fiziko-Matematičeskikh i Tehničeskikh Nauk.* (Kazan)
- Izv. Krymsk. Ped. Inst.* *Izvestija Krymskogo Pedagogičeskogo Instituta im. M. V. Frunze.* (Simferopol)
- Izv. Sibirek. Otdel. Akad. Nauk SSSR.* *Izvestija Sibirskogo Otdelenija Akademii Nauk SSSR.* (Novosibirsk)
- **Izv. Tomsk. Politehn. Inst.* *Izvestija Tomskogo Ordena Trudovogo Krasnogo Znameni Politehničeskogo Instituta imeni S.M. Kirova.* (Tomsk)
- Izv. Vuzov = Izv. Vyssh. Učebn. Zaved. Matematika.*
- Izv. Vyssh. Učebn. Zaved. Aviacion. Tehn. Ministerstvo Vysshego i Srednego Special'nogo Obrazovaniya SSSR.* *Izvestija Vyssh. Učebnykh Zavedenii. Aviacionnaja Tehnika.* (Kazan) (Translated as: *Soviet Aeronaut.*)
- Izv. Vyssh. Učebn. Zaved. Elektromekhanika. Ministerstvo Vysshego i Srednego Special'nogo Obrazovaniya SSSR.* *Izvestija Vyssh. Učebnykh Zavedenii. Elektromekhanika.* (Novosibirsk)
- Izv. Vyssh. Učebn. Zaved. Fizika. Ministerstvo Vysshego i Srednego Special'nogo Obrazovaniya SSSR.* *Izvestija Vyssh. Učebnykh Zavedenii. Fizika.* (Tomsk) (Translated as: *Soviet Physics J.*)
- Izv. Vyssh. Učebn. Zaved. Geod. i Aerofot. Ministerstvo Vysshego i Srednego Special'nogo Obrazovaniya SSSR.* *Izvestija Vyssh. Učebnykh Zavedenii. Geodezija i Aerofotofemka.* (Moscow) (Translated as: *Geodes. and Aerophot.*)
- Izv. Vyssh. Učebn. Zaved. Matematika. Ministerstvo Vysshego Obrazovaniya SSSR.* *Izvestija Vyssh. Učebnykh Zavedenii. Matematika.* (Kazan)
- Izv. Vyssh. Učebn. Zaved. Radiofizika. Ministerstvo Vysshego i Srednego Special'nogo Obrazovaniya SSSR.* *Izvestija Vyssh. Učebnykh Zavedenii. Radiofizika.* (Gorki) (Translated as: *Radiophys. and Quantum Electronics*)
- J. Algebra.* *Journal of Algebra.* (New York)
- J. Amer. Statist. Assoc.* *Journal of the American Statistical Association.* (Washington, D.C.)
- J. Analyse Math.* *Journal d'Analyse Mathématique.* (Jerusalem)
- J. Annamalai Univ. Part B Sci.* *Journal of the Annamalai University. Part B. Sciences.* (Annamalainagar)
- J. Appl. Math. Mech.* *Journal of Applied Mathematics and Mechanics.* (Translation of the Soviet journal *Prikladnaja Matematika i Mehanika*). (New York) (Translation of *Prikl. Mat. Meh.*)
- J. Appl. Mech. Tech. Phys.* *Journal of Applied Mechanics and Technical Physics.* (New York) (Translation of *Ž. Prikl. Meh. i Tehn. Fiz.*)
- J. Appl. Probability.* *Journal of Applied Probability.* (Sheffield)
- J. Approximation Theory.* *Journal of Approximation Theory.* (New York)
- J. Assoc. Comput. Mach.* *Journal of the Association for Computing Machinery.* (New York)
- J. Astronaut. Sci.* *American Astronautical Society. Journal of the Astronautical Sciences.* (Baltimore, Md.)
- J. Atmospheric Sci.* *Journal of the Atmospheric Sciences.* (Boston, Mass.)
- J. Austral. Math. Soc.* *The Journal of the Australian Mathematical Society.* (Sydney)
- J. Birla Inst. Tech. and Sci. (Pilani).* *Journal of the Birla Institute of Technology and Science.* (Pilani)
- J. Chem. Phys.* *The Journal of Chemical Physics.* (New York)
- J. China Univ. Sci. Techn.* *Journal of the China University of Science and Technology. Zhongguo Kexue Jishu Daxue Xuebao.* (Peking)
- J. Combinatorial Theory Ser. A.* *Journal of Combinatorial Theory. Series A.* (New York)
- J. Combinatorial Theory Ser. B.* *Journal of Combinatorial Theory. Series B.* (New York)
- J. Comput. System Sci.* *Journal of Computer and Systems Sciences.* (New York)
- J. Computational Phys.* *Journal of Computational Physics.* (New York)
- J. Cuneiform Studies.* *Journal of Cuneiform Studies.* (New Haven, Conn.)
- J. Differential Equations.* *Journal of Differential Equations.* (New York)
- J. Differential Geometry.* *Journal of Differential Geometry.* (Bethlehem, Pa.)
- J. Elisha Mitchell Sci. Soc.* *Journal of the Elisha Mitchell Scientific Society.* (Chapel Hill, N.C.)
- J. Engng. Math.* *Journal of Engineering Mathematics.* (Groningen)
- J. Fac. Engng. Chiba Univ.* *Journal of the Faculty of Engineering, Chiba University.* (Chiba)
- J. Fac. Engng. Univ. Tokyo Ser. B.* *Journal of the Faculty of Engineering. University of Tokyo. Series B.* (Tokyo)
- J. Fac. Sci. Hokkaido Univ. Ser. I.* *Journal of the Faculty of Science. Hokkaido University. Series I. Mathematics.* (Sapporo)
- J. Fac. Sci. Shinshu Univ.* *Journal of the Faculty of Science. Shinshu University.* (Matsumoto)
- J. Fac. Sci. Univ. Tokyo Sect. I A Math.* *Journal of the Faculty of Science. University of Tokyo. Section I A. Mathematics.* (Tokyo)
- J. Fluid Mech.* *Journal of Fluid Mechanics.* (London)
- J. Franklin Inst.* *Journal of the Franklin Institute.* (Philadelphia, Pa.)
- J. Functional Analysis.* *Journal of Functional Analysis.* (New York)
- **J. Geometry.* *Journal of Geometry.* (Basel)
- J. Hist. Astronom.* *Journal for the History of Astronomy.* (London)
- J. Indian Math. Soc.* *The Journal of the Indian Mathematical Society.* (Madras)

ABBREVIATIONS OF NAMES OF JOURNALS

- J. Indian Statist. Assoc.* Journal of the Indian Statistical Association. (Bombay)
- J. Inst. Math. Appl.* Journal of the Institute of Mathematics and its Applications. (New York)
- **J. Internat. Assoc. Mathematical Geol.* Journal of the International Association for Mathematical Geology. (New York)
- J. Japan Statist. Soc.* Journal of the Japan Statistical Society (Nihon Tôkei Gakkai Kaihō). (Tokyo)
- J. Karnatak Univ. Sci.* Journal of the Karnatak University. Science. (Dharwar)
- **J. Korean Math. Soc.* Journal of the Korean Mathematical Society. (Seoul)
- J. London Math. Soc.* The Journal of the London Mathematical Society. (London)
- J. Low Temp. Phys.* Journal of Low Temperature Physics. (New York)
- J. Madras Univ. B.* Journal of the Madras University. B. Contributions in Mathematics, Physical and Biological Sciences. (Madras)
- J. Math. Anal. Appl.* Journal of Mathematical Analysis and Applications. (New York)
- J. Math. (Jabalpur).* Journal of Mathematics. (Jabalpur)
- J. Math. Kyoto Univ.* Journal of Mathematics of Kyoto University. (Kyoto)
- J. Math. Pures Appl.* Journal de Mathématiques Pures et Appliquées. (Paris)
- J. Math. Sci.* Journal of Mathematical Sciences. The Society of Mathematical Sciences. (Delhi)
- J. Math. Soc. Japan.* Journal of the Mathematical Society of Japan. (Tokyo)
- J. Math. Tokushima Univ.* Journal of Mathematics. Tokushima University. (Tokushima)
- J. Mathematical and Physical Sci.* Journal of Mathematical and Physical Sciences. (Madras)
- J. Mathematical Phys.* Journal of Mathematical Physics. (New York)
- J. Mathematical Psychology.* Journal of Mathematical Psychology. (New York)
- J. Mécanique.* Journal de Mécanique. (Paris)
- J. Mech. Phys. Solids.* Journal of the Mechanics and Physics of Solids. (London)
- J. Multivariate Anal.* Journal of Multivariate Analysis. (New York)
- J. Nanyang Univ.* Journal of Nanyang University. (Singapore) (Continued as: *Nanyang Univ. J. Part I*)
- J. Natur. Sci. and Math.* The Journal of Natural Sciences and Mathematics. (Lahore)
- J. Nuclear Sci. and Tech.* Journal of Nuclear Science and Technology. (Tokyo)
- J. Number Theory.* Journal of Number Theory. (New York)
- J. of M.A.C.T.* Journal of the Maulana Azad College of Technology. (Bhopal)
- J. Operations Res. Soc. Japan.* Journal of the Operations Research Society of Japan. (Tokyo)
- J. Opt. Soc. Amer.* Journal of the Optical Society of America. (New York)
- J. Optimization Theory Appl.* Journal of Optimization Theory and Applications. (New York)
- **J. Philos. Logic.* Journal of Philosophical Logic. (Dordrecht)
- **J. Phys. A.* Journal of Physics A. General Physics. (London)
- **J. Phys. B.* Journal of Physics B. Atomic and Molecular Physics. (London)
- J. Phys. Soc. Japan.* Journal of the Physical Society of Japan. (Tokyo)
- J. Physique.* Le Journal de Physique. (Paris)
- J. Pure Appl. Algebra.* Journal of Pure and Applied Algebra. (Amsterdam)
- **J. Recreational Math.* Journal of Recreational Mathematics. (Westport, Conn.)
- J. Reine Angew. Math.* Journal für die reine und angewandte Mathematik. (Berlin)
- J. Res. Nat. Bur. Standards Sect. B.* Journal of Research of the National Bureau of Standards. Section B. Mathematical Sciences. (Washington, D.C.)
- J. Roy. Statist. Soc. Ser. A.* Journal of the Royal Statistical Society. Series A (General). (London)
- J. Roy. Statist. Soc. Ser. B.* Journal of the Royal Statistical Society. Series B (Methodological). (London)
- J. Roy. Statist. Soc. Ser. C Appl. Statist.* Journal of the Royal Statistical Society. Series C. Applied Statistics. (London)
- J. Sci. Engrg. Res.* Journal of Science and Engineering Research. (Kharagpur)
- J. Sci. Hiroshima Univ. Ser. A-I Math.* Journal of Science of the Hiroshima University. Series A-I (Mathematics). (Hiroshima) (Continued as: *Hiroshima Math. J.*)
- J. Sci. Res. Banaras Hindu Univ.* The Journal of Scientific Research of the Banaras Hindu University. (Varanasi)
- **J. Statist. Comp. and Simulation.* Journal of Statistical Computation and Simulation. (New York)
- J. Statist. Phys.* Journal of Statistical Physics. (New York)
- J. Symbolic Logic.* The Journal of Symbolic Logic. (Providence, R.I.)
- J. Tech. Bengal Engrg. College.* Journal of Technology. Bengal Engineering College. (Howrah)
- J. Theoret. Biol.* Journal of Theoretical Biology. (London)
- J. Tsing Hua Univ.* Journal of Tsing Hua University. (Peking)
- J. Univ. Bombay.* Journal of the University of Bombay. (Bombay)
- **J. Warburg and Courtauld Inst.* Journal of the Warburg and Courtauld Institutes. (London)
- Jadernaja Fiz. Akademija Nauk SSSR.* Jadernaja Fizika. (Moscow) (Translated as: *Soviet J. Nuclear Phys.*)
- Janua. Janus.* Revue Internationale de l'Histoire des Sciences, de la Médecine, de la Pharmacie et de la Technique. (Leiden)
- Japan. J. Math.* Science Council of Japan. Japanese Journal of Mathematics. (Tokyo)
- Jaroslav. Gos. Ped. Inst. Dokl. Naučn. Konfer.* Jaroslavskij Gosudarstvennyj Pedagogičeskij Institut. Doklady na Naučnyh Konferencijah. (Jaroslavl')
- Jaroslav. Gos. Ped. Inst. Učen. Zap.* Ministerstvo Prosveščeniya RSFSR. Jaroslavskij Gosudarstvennyj Pedagogičeskij Institut imeni K. D. Ušinskogo. Učenyje Zapiski. (Jaroslavl')
- Jber. Deutsch. Math.-Verein.* Jahresbericht der Deutschen Mathematiker-Vereinigung. (Stuttgart)
- **Jñānabha Sect. A.* Jñānabha. Section A. Dayanand Vedic Postgraduate College. Kanpur University. (Orai)
- Kabardino-Balkarsk. Gos. Univ. Učen. Zap.* Kabardino-Balkarskij Gosudarstvennyj Universitet. Učenyje Zapiski. (Nalchik)
- Kalinin. Gos. Ped. Inst. Učen. Zap.* Kalininskij Gosudarstvennyj Pedagogičeskij Institut im. M. I. Kalina. Učenyje Zapiski. (Kalinin)
- Kaliningrad. Gos. Ped. Inst. Učen. Zap.* Kaliningradskij Gosudarstvennyj Pedagogičeskij Institut. Učenyje Zapiski. (Kaliningrad)

ABBREVIATIONS OF NAMES OF JOURNALS

- Kaliningrad. Gos. Univ. Učen. Zap.* Ministerstvo Vyššego i Srednego Special'nogo Obrazovaniya RSFSR. Kaliningradskii Gosudarstvennyi Universitet. Učeny Zapiski. (Kaliningrad)
- Karachi Math. Assoc. Riazī (Souvenir).* Riazī. Souvenir of the Karachi Mathematics Association. (Karachi)
- Kazakh. Gos. Ped. Inst. Učen. Zap.* Kazahskii Gosudarstvennyi Pedagogičeskii Institut im. Abaja. Učeny Zapiski. (Alma-Ata)
- Kazan. Gos. Univ. Učen. Zap.* Kazanskii Ordena Trudovogo Kramogo Znameni Gosudarstvennyi Universitet im. V. I. Ul'janova-Lenina. Učeny Zapiski. (Kazan)
- Keioi-Kagaku.* Keioi-Kagaku (Management Science). Japanese Operations Research Association. (Tokyo)
- *Keio Engng. Rep.* Keio Engineering Reports. (Tokyo) (Formerly: *Proc. Fac. Engng. Keio Univ.*)
- Kemerov. Gos. Ped. Inst. Učen. Zap.* Kemerovskii Gosudarstvennyi Pedagogičeskii Institut. Učeny Zapiski. (Kemerovo)
- Kenkyō Kiyō—Gakushūin Kōtōka.* Memoirs of Gakushūin High School. (Tokyo)
- Kexue Tongbao.* Chinese Academy of Science. Kexue Tongbao (Science Bulletin). (Peking)
- Kexue Tongbao (Foreign Lang. Ed.).* Academia Sinica. Kexue Tongbao (Science Bulletin) (Foreign Language Edition). (Peking)
- Kibernetika (Kiev).* Otdelenie Matematiki, Mehaniki i Kibernetiki Akademii Nauk Ukrainakoi SSR. Kibernetika. (Kiev) (Translated as: *Cybernetics*)
- Kirov. Gos. Ped. Inst. Učen. Zap.* Kirovskii Gosudarstvennyi Pedagogičeskii Institut imeni V. I. Lenina. Učeny Zapiski. (Yoshkar-Ola)
- Kišinev. Gos. Univ. Učen. Zap.* Ministerstvo Narodnogo Obrazovaniya Moldavskoi SSR. Kišinevskii Gosudarstvennyi Universitet. Učeny Zapiski. (Kišinev)
- Knižnica Odborn. Věd. Spisů Vysoké. Učení Tech. v Brně.* Knižnice Odborných a Vědeckých Spisů Vysokého Učení Technického v Brně. Vysoké Učení Technické v Brně. (Brno)
- Kōdai Math. Sem. Rep.* Kōdai Mathematical Seminar Reports. (Tokyo)
- Kolomen. Ped. Inst. Učen. Zap.* Ministerstvo Prosvěšeniya RSFSR. Kolomenskii Pedagogičeskii Institut. Učeny Zapiski. (Kolomna)
- *Kombinatornyi Anal.* Kombinatornyi Analiz. Moskovskii Gosudarstvennyi Universitet im. M. V. Lomonosova. (Moscow)
- Kostrom. Gos. Ped. Inst. Učen. Zap.* Kostromskoi Gosudarstvennyi Pedagogičeskii Institut imeni N. A. Nekrasova. Učeny Zapiski. (Jaroslavl)
- Krasnodar. Gos. Ped. Inst. Naučn. Trudy.* Krasnodarskii Gosudarstvennyi Pedagogičeskii Institut. Naučnye Trudy. (Krasnodar)
- Kulbyšev. Gos. Ped. Inst. Učen. Zap.* Ministerstvo Prosvěšeniya RSFSR. Kulbyševskii Gosudarstvennyi Pedagogičeskii Institut imeni V. V. Kulbyševa. Učeny Zapiski. (Kuybyshev)
- *Kumamoto J. Sci. (Math.).* Kumamoto Journal of Science (Mathematics). (Kumamoto) (Formerly: *Kumamoto J. Sci. Ser. A*)
- Kumamoto J. Sci. Ser. A.* Kumamoto Journal of Science. Series A (Mathematics, Physics and Chemistry). (Kumamoto)
- Kursk. Gos. Ped. Inst. Učen. Zap.* Kurskii Gosudarstvennyi Pedagogičeskii Institut. Učeny Zapiski. (Belgorod)
- *Kybernetes. Kybernetes.* An International Journal of Cybernetics and General Systems. (London)
- Kybernetik (Berlin).* Kybernetik. (Berlin)
- Kybernetika (Prague).* Kybernetika. (Prague)
- Kyungpook Math. J.* Kyungpook National University. Kyungpook Mathematical Journal. (Taegu)
- Labdev—J. Sci. Tech. Part A.* Labdev. Journal of Sciences and Technology. Part A—Physical Sciences. (Kanpur)
- Latvijas PSR Zinātņu Akad. Vēstis.* Latvijas PSR Zinātņu Akadēmijas Vēstis. Izvestija Akademii Nauk Latvīskoi SSR. (Riga)
- Latvijas PSR Zinātņu Akad. Vēstis Fiz. Tehn. Zinātņu Sēr.* Latvijas PSR Zinātņu Akadēmijas Vēstis. Fizikas un Tehnisko Zinātņu Sērija. Izvestija Akademii Nauk Latvīskoi SSR. Serija Fizikiških i Tehniških Nauk. (Riga)
- Latvijas Valsts Univ. Zinātņ. Raksti.* PSRS Augstākās Izglītības Ministrija. Pēteris Stučka Latvijas Valsts Universitāte. Zinātniskie Raksti. Ministerstvo Vyššego Obrazovaniya. Latvīskii Gosudarstvennyi Universitet im. Petra Stučki. Učeny Zapiski. (Riga)
- Leninabad. Gos. Ped. Inst. Učen. Zap.* Leninabadskii Gosudarstvennyi Pedagogičeskii Institut. Učeny Zapiski. (Dushanbe)
- Leningrad. Gos. Ped. Inst. Učen. Zap.* Leningradskii Gosudarstvennyi Pedagogičeskii Institut im. A. I. Gercena. Učeny Zapiski. (Leningrad)
- Leningrad. Gos. Univ. Učen. Zap. Ser. Mat. Nauk.* Leningradskii Gosudarstvennyi Ordena Lenina Universitet imeni A. A. Zdanova. Učeny Zapiski. Serija Matematičeskikh Nauk. (Leningrad)
- Leningrad. Inž.-Ėkonom. Inst. Trudy.* Leningradskii Inženerno-Ėkonomičeskii Institut imeni Pal'miro Tol'jatti. Trudy. (Leningrad)
- Leningrad. Meh. Inst. Sb. Naučn. Trudov.* Leningradskii Mehaničeskii Institut. Sbornik Naučnyh Trudov (LMI). (Leningrad)
- Leningrad. Politehn. Inst. Trudy.* Ministerstvo Vyššego i Srednego Special'nogo Obrazovaniya RSFSR. Leningradskii Politehničeskii Institut im. M. I. Kalinina. Trudy LPI. (Leningrad)
- Lett. Nuovo Cimento.* Lettere al Nuovo Cimento. Rivista Internazionale della Società Italiana di Fisica. (Bologna)
- *Libyan J. Sci.* The Libyan Journal of Science. (Tripoli)
- Linear Algebra and Appl.* Linear Algebra and its Applications. (New York)
- Lietuv. Fiz. Sb.* Lietuvos TSR Mokslų Akademija. Lietuvos TSR Aukštiosios Mokyklos. Lietuvos Fizikos Rinkiny. Akademija Nauk Litovskoi SSR. Vysšie Školy Litovskoi SSR. Litovskii Fizičeskii Sbornik. (Vilnius)
- Lietuv. Mat. Sb.* Lietuvos TSR Mokslų Akademija. Lietuvos TSR Aukštiosios Mokyklos. Lietuvos Matematikos Rinkiny. Akademija Nauk Litovskoi SSR. Vysšie Učebnye Zavedeniya Litovskoi SSR. Litovskii Matematičeskii Sbornik. (Vilnius)
- Logique et Analyse.* Logique et Analyse. (Louvain)
- Lucrări Ști. Inst. Ped. Galați.* Lucrări Științifice. Institutul Pedagogic Galați. (Galați)
- L'vov. Politehn. Inst. Naučn. Zap. Ser. Fiz.-Mat.* MVO USSR. L'vovskii Politehničeskii Institut. Naučnye Zapiski. Serija Fiziko-Matematičeskaja. (Lvov)
- Magnetohydrodynamics.* Magnetohydrodynamics. (A translation of *Magnitnaya Gidrodinamika* of the Academy of Sciences of the Latvian SSR). (New York) (Translation of *Magnit. Gidrodinamika*)
- Magnit. Gidrodinamika.* Akademija Nauk Latvīskoi SSR. Magnitnaja Gidrodinamika. (Riga) (Translated as: *Magnetohydrodynamics*)
- Magyar Tud. Akad. Mat. Fiz. Ossz. Közl.* A Magyar Tudományok Akadēmia Matematikai és Fizikai Tudományok Ossztályának Közleményei. (Budapest)
- Makedon. Akad. Nauk. Umet. Oddel. Prirod.-Mat. Nauk. Prilozi.* Makedonska Akademija na Naukite i Umetnostite. Oddelenie za Prirodo-Matematički Nauki. Prilozi. (Skopje)
- Management Sci.* Management Science. Journal of the Institute of Management Science. (Philadelphia, Pa.)
- Manuscripta Math.* Manuscripta Mathematica. (Berlin)

ABBREVIATIONS OF NAMES OF JOURNALS

Mari. Gos. Ped. Inst. Učen. Zap. Mariškii Gosudarstvennyi Pedagogičeskii Institut. Učeny Zapiski. (Ioshkar-Ola)

Mat. Časopis Sloven. Akad. Vied. Matematički Časopis Slovenakej Akademije Vied. (Bratislava)

Mat.-Fys. Medd. Danske Vid. Selsk. Matematiškysiske Meddelelser udgivet af Det Kongelige Danske Videnskabernes Selskab. (Copenhagen)

Mat.-Fys. Skr. Danske Vid. Selsk. Matematiškysiske Skrifter udgivet af Det Kongelige Danske Videnskabernes Selskab. (Copenhagen)

Mat. Issled. Akademija Nauk Moldavskoi SSR. Institut Matematiki s Vyčislitel'nyim Centrom. Matematičeskije Issledovanija. (Kishinev)

Mat. Lapok. Matematikai Lapok. Bolyai János Matematikai Társulat. (Budapest)

Mat. Sb. Matematičeskii Sbornik. Novaja Serija. (Moscow) (Translated as: *Math. USSR-Sb.*)

Mat. Vesnik. Društvo Matematičara, Fizičara i Astronoma SRS i Matematički Institut-Beograd. Matematički Vesnik. Nova Serija. (Belgrade)

Mat. Zametki. Akademija Nauk Sojuza SSR. Matematičeskije Zametki. (Moscow) (Translated as: *Math. Notes*)

Matematiche (Catania). Le Matematiche. (Catania)

Matematika—Period. Sb. Perevodov Inostran. Statei. Matematika. Periodičeskii Sbornik Perevodov Inostrannykh Statei. (Moscow)

Math. Algorithms. Massachusetts Institute of Technology. Mathematical Algorithms. (Cambridge, Mass.)

Math. Ann. Mathematische Annalen. (Berlin)

Math. Balkanica. Mathematica Balkanica. (Belgrade)

Math. Biosci. Mathematical Biosciences: An International Journal. (New York)

Math. Centrum Amsterdam Afd. Toegepaste Wisk. Mathematisch Centrum Amsterdam. Afdeling Toegepaste Wiskunde. (Amsterdam)

Math. Centrum Amsterdam Afd. Zuivere Wisk. Mathematisch Centrum Amsterdam. Afdeling Zuivere Wiskunde. (Amsterdam)

Math. Centrum Amsterdam Rekenafdeling. Mathematisch Centrum Amsterdam. Rekenafdeling. (Amsterdam)

Math. Chronicle. Mathematical Chronicle. (Auckland)

Math. Comp. Mathematics of Computation. (Providence, R.I.)

Math. Education. The Mathematics Education. (Siwan)

Math. Gaz. The Mathematical Gazette. (London)

Math. J. Okayama Univ. Mathematical Journal of Okayama University. (Okayama)

Math. Japon. Mathematica Japonicae. (Kobe)

Math. Mag. Mathematics Magazine. (Buffalo, N.Y.)

Math. Nachr. Mathematische Nachrichten. (Berlin)

Math. Notae. Mathematicae Notae. Boletín del Instituto de Matemática. (Rosario)

Math. Notes. Mathematical Notes of the Academy of Sciences of the USSR. (New York) (Translation of *Mat. Zametki*)

Math. Operationsforsch. Statist. Mathematische Operationsforschung und Statistik. (Berlin)

Math.-Phys. Semesterber. Mathematisch-Physikalische Semesterberichte. (Göttingen)

Math. Programming. Mathematical Programming. (Amsterdam)

Math. Rep. College General Ed. Kyushu Univ. Mathematical Reports of College of General Education Kyushu University. (Fukuoka)

Math. Reviews. Mathematical Reviews. (Providence, R.I.) (Usually abbreviated as *MR* in the text of *Math. Reviews*)

Math. Scand. Mathematica Scandinavica. (Copenhagen)

Math. Sci. Humaines. Centre de Mathématique Sociale et de Statistique EPHE. Mathématiques et Sciences Humaines. (Paris)

Math. Seminar. The Mathematics Seminar. (Delhi)

Math. Student. The Mathematics Student. (Madras)

Math. Systems Theory. Mathematical Systems Theory. (New York)

Math. und Wirtschaft. Mathematik und Wirtschaft. (Berlin)

Math. USSR-Izv. Mathematics of the USSR-Izvestija. (Providence, R.I.) (Translation of *Izv. Akad. Nauk SSSR Ser. Mat.*)

Math. USSR-Sb. Mathematics of the USSR-Sbornik. (Providence, R.I.) (Translation of *Mat. Sb.*)

Math. Z. Mathematische Zeitschrift. (Berlin)

Mathematica (Cluj). Societatea de Științe Matematice și Fizice din R.P.R. Filiala Cluj. Mathematica. (Cluj)

Mathematika. Mathematika. A Journal of Pure and Applied Mathematics. (London)

Matrix Tensor Quart. The Tensor Club of Great Britain. The Matrix and Tensor Quarterly. (London)

Meccanica—J. Italian Assoc. Theoret. Appl. Mech. Meccanica. Journal of the Italian Association of Theoretical and Applied Mechanics. (Milan)

Mech. Teoret. Stos. Polska Towarzystwo Mechaniki Teoretycznej i Stosowanej. Mechanika Teoretyczna i Stosowana. (Warsaw)

Mechanics of Solids. Mechanics of Solids. (New York) (Translation of *Int. Ž. Meh. Tverd. Tela*)

Med. Konink. Vlaamse Acad. Wetensch. Lett. Schone Kunst. België Kl. Wetensch. Mededelingen van de Koninklijke Vlaamse Academie voor Wetenschappen, Letteren en Schone Kunsten van België. Klasse der Wetenschappen. (Brussels)

Medd. Lunds Univ. Mat. Sem. Meddelanden från Lunds Universitets Matematiska Seminarium. Communications du Séminaire Mathématique de l'Université de Lund. (Lund)

Mehanika-Period. Sb. Perevodov Inostran. Statei. Mehanika Periodičeskii Sbornik Perevodov Inostrannykh Statei. (Moscow)

Melekes. Gos. Ped. Inst. Učen. Zap. Melekeskii Gosudarstvennyi Pedagogičeskii Institut. Učeny Zapiski. (Melekes)

Mem. Accad. Sci. Torino Cl. Sci. Fis. Mat. Natur. Memorie dell'Accademia delle Scienze di Torino. Classe di Scienze Fisiche, Matematiche e Naturali. (Turin)

Mem. Amer. Math. Soc. Memoirs of the American Mathematical Society. (Providence, R.I.)

Mem. Defense Acad. Memoirs of the Defense Academy (Mathematics, Physics, Chemistry and Engineering) (Yokosuka)

Mem. Ehime Univ. Natur. Sci. Ser. A. Memoirs of the Ehime University. Natural Science. Series A. (Matsuyama)

Mem. Fac. Ci. Univ. Habana Ser. Mat. Memorias de la Facultad de Ciencias. Universidad de la Habana. Serie Matemática. (Havana)

Mem. Fac. Ed. Kumamoto Univ. Sect. 1. Memoirs of the Faculty of Education. Kumamoto University. Section 1. (Natural Science). (Kumamoto)

**Mem. Fac. Ed. Miyazaki Univ.* Memoirs of the Faculty of Education. Miyazaki University. (Miyazaki)

Mem. Fac. Engrg. Hiroshima Univ. Memoirs of the Faculty of Engineering. Hiroshima University. (Hiroshima)

Mem. Fac. Engrg. Kyoto Univ. Memoirs of the Faculty of Engineering. Kyoto University. (Kyoto)

Mem. Fac. Engrg. Miyazaki Univ. Memoirs of the Faculty of Engineering. Miyazaki University. (Miyazaki)

ABBREVIATIONS OF NAMES OF JOURNALS

- Mem. Fac. Indust. Arts Kyoto Tech. Univ. Sci. and Tech.* Memoirs of the Faculty of Industrial Arts. Kyoto Technical University. Science and Technology. (Kyoto)
- Mem. Fac. Lit. Sci. Shimane Univ. Natur. Sci.* Memoirs of the Faculty of Literature and Science. Shimane University. Natural Sciences. (Matsue)
- Mem. Fac. Sci. Kyushu Univ. Ser. A.* Memoirs of the Faculty of Science. Kyushu University. Series A. Mathematics. (Fukuoka)
- Mem. Kitami Inst. Tech.* Memoirs of the Kitami Institute of Technology. (Kitami)
- Mem. Mat. Inst. "Jorge Juan".* Consejo Superior de Investigaciones Científicas. Memorias de Matemática del Instituto "Jorge Juan". (Madrid)
- Mem. Muroran Inst. Tech.* Memoirs of the Muroran Institute of Technology. (Muran)
- Mem. Osaka Inst. Tech. Ser. A.* Memoirs of the Osaka Institute of Technology. Series A. Science & Technology. (Osaka)
- Mem. Osaka Kyoiku Univ. III Natur. Sci. Appl. Sci.* Memoirs of Osaka Kyoiku University. III. Natural Science and Applied Science. (Osaka)
- Mem. Real Acad. Ci. Art. Barcelona.* Memorias de la Real Academia de Ciencias y Artes de Barcelona. (Barcelona)
- Mem. Real Acad. Ci. Exact. Fis. Natur. Madrid.* Memorias de la Real Academia de Ciencias Exactas, Fisicas y Naturales de Madrid. Serie de Ciencias Exactas. (Madrid)
- Mem. School Sci. Engrg. Waseda Univ.* Memoirs of the School of Science and Engineering. Waseda University. (Tokyo)
- Mem. Soc. Astronom. Ital.* Memorie della Società Astronomica Italiana. (Milan)
- Mém. Soc. Roy. Sci. Liège Coll. in-8°.* Mémoires de la Société Royale des Sciences de Liège. Collection in-8°. (Liège)
- Mémor. Sci. Math.* Mémorial des Sciences Mathématiques. (Paris)
- Mémor. Sci. Phys.* Mémorial des Sciences Physiques. (Paris)
- Metody Vyčisl.* Leningradskii Ordena Lenina Gosudarstvennyi Universitet imeni A. A. Zdanova. Kafedra Vyčislitel'noi Matematiki i Vyčislitel'nyi Centr. Metody Vyčislenii. (Leningrad)
- Metrika.* Metrika. (Würzburg)
- Metroecon.* Metroeconomica. Rivista Internazionale di Economica. (Bologna)
- Metron.* Metron. (Rome)
- *METU J. Pure Appl. Sci.* Middle East Technical University. Journal of Pure and Applied Sciences. Orta Doğu Teknik Üniversitesi. Temel ve Uygulamalı Bilimler Dergisi. (Ankara)
- Michigan Math. J.* The Michigan Mathematical Journal. (Ann Arbor, Mich.)
- Mind.* Mind. A Quarterly Review of Psychology and Philosophy. (Oxford)
- Mitt. Math. Gesellsch. Hamburg.* Mitteilungen der mathematischen Gesellschaft in Hamburg. (Hamburg)
- Mitt. Math. Sem. Gießen.* Mitteilungen aus dem Mathematischen Seminar Gießen. (Gießen)
- Mitt. Verein. Schweiz. Versich.-Math.* Mitteilungen der Vereinigung Schweizerischer Versicherungsmathematiker. Bulletin de l'Association des Actuaire Suisses. (Bern)
- Molecular Phys.* Molecular Physics. (London)
- Monatsh. Deutsch. Akad. Wiss. Berlin.* Monatsberichte der Deutschen Akademie der Wissenschaften zu Berlin. (Berlin)
- Monatsh. Math.* Monatshefte für Mathematik. (Vienna)
- Moscow Univ. Phys. Bull.* Moscow University Physics Bulletin. (New York) (Translation of *Vestnik Moskov. Univ. Ser. III Fiz. Astron.*)
- Moskov. Gos. Ped. Inst. Učen. Zap.* Moskovskii Gosudarstvennyi Pedagogičeskii Institut im. V. I. Lenina. Učenyje Zapiski. (Moscow)
- Moskov. Gos. Univ. Soobšč. Gos. Astronom. Inst. Šternberg.* Moskovskii Gosudarstvennyi Universitet im. M. V. Lomonosova. Soobščeniia Gosudarstvennogo Astronomičeskogo Instituta im. P. K. Šternberga. (Moscow)
- Moskov. Gos. Univ. Trudy Gos. Astronom. Inst. Šternberg.* Moskovskii Gosudarstvennyi Universitet im. M. V. Lomonosova. Trudy Gosudarstvennogo Astronomičeskogo Instituta im. P. K. Šternberga. (Moscow)
- Moskov. Gos. Univ. Voprosy Meh.* Moskovskii Gosudarstvennyi Universitet. Voprosy Mehaniki. (Moscow)
- Moskov. Inst. Elektron. Mašinstroeniia—Trudy MIEM.* Ministerstvo Vysshego i Srednego Special'nogo Obrazovaniia RSFSR. Moskovskii Institut Elektronnogo Mašinstroeniia. Trudy MIEM. (Moscow)
- Moskov. Inst. Inž. Železnodor. Transporta Trudy.* Moskovskii Institut Inženerov Železnodorozhnogo Transporta. Trudy. (Moscow)
- Moskov. Oblast. Ped. Inst. Učen. Zap.* Moskovskii Oblastnoi Pedagogičeskii Institut. Učenyje Zapiski. (Moscow)
- Moskov. Zaočn. Ped. Inst. Učen. Zap.* Moskovskii Zaočnyi Pedagogičeskii Institut. Učenyje Zapiski. (Moscow)
- MR.* Mathematical Reviews. (Providence, R.I.)
- Muromsk. Gos. Ped. Inst. Učen. Zap.* Muromskii Gosudarstvennyi Pedagogičeskii Institut. Učenyje Zapiski. (Vladimir)
- Nachr. Akad. Wiss. Göttingen Math.-Phys. Kl. II.* Nachrichten der Akademie der Wissenschaften in Göttingen. II. Mathematisch-Physikalische Klasse. (Göttingen)
- Nagoya Math. J.* Nagoya Mathematical Journal. (Nagoya)
- Nanta Math.* Nanyang University. Nanta Mathematica. (Singapore)
- *Nanyang Univ. J. Part I.* Nanyang University Journal. Part I: Natural Sciences. (Singapore) (Formerly: *J. Nanyang Univ.*)
- Natur. Sci. Rep. Ochanomizu Univ.* Natural Science Report of the Ochanomizu University. (Tokyo)
- Naval Res. Logist. Quart.* Naval Research Logistics Quarterly. (Washington, D.C.)
- NEC Res. Development.* NEC Research and Development (Technical Journal of Nippon Electric Co., Ltd.). (Tokyo)
- Nederl. Akad. Wetensch. Indag. Math.* Koninklijke Nederlandse Akademie van Wetenschappen. Indagationes Mathematicae ex Actis Quibus Titulus. Proceedings of the Section of Sciences. (Amsterdam) (Same as: *Nederl. Akad. Wetensch. Proc. Ser. A*)
- Nederl. Akad. Wetensch. Proc. Ser. A.* Koninklijke Nederlandse Akademie van Wetenschappen. Proceedings. Series A. Mathematical Sciences. (Amsterdam) (Same as: *Nederl. Akad. Wetensch. Indag. Math.*)
- Nederl. Akad. Wetensch. Proc. Ser. B.* Koninklijke Nederlandse Akademie van Wetenschappen. Proceedings. Series B. Physical Sciences. (Amsterdam)
- Nederl. Akad. Wetensch. Verslag Afd. Natuurk.* Koninklijke Nederlandse Akademie van Wetenschappen. Verslag van de Gewone Vergadering van de Afdeling Natuurkunde. (Amsterdam)
- Networks.* Networks. An International Journal. (New York)
- *New Zealand Math. Mag.* The New Zealand Mathematics Magazine. (Auckland)
- Nieuw Arch. Wisk.* Nieuw Archief voor Wiskunde. (Groningen)
- Nigerian J. Sci.* University of Ibadan. Nigerian Journal of Science. (Ibadan)
- Nordisk Mat. Tidsskr.* Nordisk Matematisk Tidsskrift. (Oslo)

ABBREVIATIONS OF NAMES OF JOURNALS

Nordisk Tidskr. Informationsbehandling (BIT). Nordisk Tidskrift for Informationsbehandling. (Copenhagen)

Norske Vid. Selsk. Forh. (Trondheim). Det Kongelige Norske Videnskabs Selskabs Forhandlinger. (Trondheim)

Norske Vid. Selsk. Skr. (Trondheim). Det Kongelige Norske Videnskabs Selskabs Skrifter. (Trondheim)

Notas Mat. Notas de Matemática. (Rio de Janeiro)

**Notes and Records Roy. Soc. London.* Notes and Records of the Royal Society of London. (London)

Notices Amer. Math. Soc. Notices of the American Mathematical Society. (Providence, R.I.)

Notre Dame J. Formal Logic. Notre Dame Journal of Formal Logic. (Notre Dame, Ind.)

**Notis.* Notis. (Bloomington, Ind.)

Nova Acta Leopoldina (N.F.). Nova Acta Leopoldina. Abhandlungen der Deutschen Akademie der Naturforscher Leopoldina. Neue Folge. (Leipzig)

Novgorod. Golovn. Gos. Ped. Inst. Učen. Zap. Novgorodskii Golovnoi Gosudarstvennyi Pedagogičeskii Institut. Učeny Zapiski. (Novgorod)

NTM Schr. Geschichte Naturwiss. Tech. Medizin. NTM Schriftenreihe für Geschichte der Naturwissenschaften Technik und Medizin. (Leipzig)

Nuclear Phys. Nuclear Physics. (Amsterdam)

Numer. Math. Numerische Mathematik. (Berlin)

Nuovo Cimento A. Il Nuovo Cimento A. (Bologna)

Nuovo Cimento B. Il Nuovo Cimento B. (Bologna)

**Obs. Astronom. Univ. Nac. La Plata Ser. Astronom.* Observatorio Astronomico de la Universidad Nacional de La Plata. Serie Astronomica. (La Plata)

Obzornik Mat. Fiz. Društvo Matematikov, Fizikov in Astronomov SRS. Obzornik za Matematiko in Fiziko. (Ljubljana)

Operational Res. Quart. Operational Research Quarterly. (Bristol)

Operations Res. Operations Research. The Journal of the Operations Research Society of America. (Baltimore, Md.) (Sometimes abbreviated as *OR* in *Math. Reviews*)

Opsearch. Opsearch. The Journal of the Operational Research Society of India. (Delhi)

Optica Acta. Optica Acta. (London)

Optimal. Planirovanie. Optimal'noe Planirovanie. Akademija Nauk SSSR. Sibirskoe Otdelenie. Institut Matematiki. (Novosibirsk)

OR. Operations Research. The Journal of the Operations Research Society of America. (Baltimore, Md.)

Orehovo-Zuev. Ped. Inst. Učen. Zap. Kaf. Mat. Ministerstvo Prosveshchenija RSFSR. Orehovo-Zuevskii Pedagogičeskii Institut. Učeny Zapiski Kafedry Matematiki. (Moscow)

Orenburg. Gos. Ped. Inst. Učen. Zap. Orenburgskii Gosudarstvennyi Pedagogičeskii Institut im. V. P. Čkalova. Učeny Zapiski. (Cheljabinsk)

Organon. Organon. Institut d'Histoire de la Science et de la Technique auprès de l'Académie Polonaise des Sciences. (Warsaw)

Orlov. Gos. Ped. Inst. Učen. Zap. Orlovskii Gosudarstvennyi Pedagogičeskii Institut. Učeny Zapiski. (Orel)

Osaka J. Math. Osaka Journal of Mathematics. (Osaka)

Österreich. Akad. Wiss. Math.-Natur. Kl. S.-B. II. Österreichische Akademie der Wissenschaften. Mathematisch-Naturwissenschaftliche Klasse. Sitzungsberichte. Abteilung II. Mathematik, Astronomie, Physik, Meteorologie und Technik. (Vienna)

**Otor i Peredača Informacii.* Otor i Peredača Informacii. Akademija Nauk Ukrainkoj SSR. (Kiev)

P.A. Science Abstracts. Physics Abstracts. (London)

Pacific J. Math. Pacific Journal of Mathematics. (Berkeley, Calif.)

Papers and Proc. Roy. Soc. Tasmania. Papers and Proceedings of the Royal Society of Tasmania. (Hobart)

Pattern Recognition. The Journal of the Pattern Recognition Society. (New York/Oxford)

Penz. Politehn. Inst. Učen. Zap. Mat. Meh. Pensenskii Politehničeskii Institut. Matematika i Mehanika. Učeny Zapiski. (Penza)

Period. Mat. Periodico di Matematiche. (Bologna)

Period. Math. Hungar. Periodica Mathematica Hungarica. Journal of the János Bolyai Mathematical Society. (Budapest)

Perm. Gos. Ped. Inst. Učen. Zap. Permskii Gosudarstvennyi Pedagogičeskii Institut. Učeny Zapiski. (Perm)

Perm. Gos Univ. Učen. Zap. Permskii Gosudarstvennyi Universitet imeni A. M. Gor'kogo. Učeny Zapiski. (Perm)

Perm. Politehn. Inst. Sb. Naučn. Trudov. Permskii Politehničeskii Institut. Sbornik Naučnyh Trudov. (Perm)

**Philips Res. Rep.* Philips Research Reports. (Eindhoven)

**Philips Res. Rep. Suppl.* Philips Research Reports. Supplements. (Eindhoven)

Philos. Math. Philosophia Mathematica. An International Journal for Philosophy of Modern Mathematics. (Happauge, N.Y.)

**Philos. Natur.* Philosophia Naturalis. Archiv für Naturphilosophie und die philosophischen Grenzgebiete der exakten Wissenschaften und Wissenschaftsgeschichte. (Meisenheim-Glan)

Philos. Sci. Philosophy of Science. (Baltimore, Md.)

Philos. Trans. Roy. Soc. London Ser. A. Philosophical Transactions of the Royal Society of London. Series A. Mathematical and Physical Sciences. (London)

Phys. Fluids. The Physics of Fluids. (New York)

Phys. Lett. Physics Letters. (Amsterdam)

Phys. Norveg. Physica Norvegica. (Oslo)

Phys. Rev. A. Physical Review A. General Physics. (New York)

Phys. Rev. B. Physical Review B. Solid State. (New York)

Phys. Rev. C. Physical Review C. Nuclear Physics. (New York)

Phys. Rev. D. Physical Review D. Particles and Fields. (New York)

Phys. Rev. Lett. Physical Review Letters. (New York)

**Phys. Scripta.* Physica Scripta. (Stockholm) (Replacement of: *Ark. Fys.*)

Phys. Status Solidi. Physica Status Solidi. (Berlin) (Continued as: *Phys. Status Solidi (A)* and *Phys. Status Solidi (B)*)

Phys. Status Solidi (A). Physica Status Solidi (A). Applied Research. (Berlin) (Formerly: *Phys. Status Solidi*)

Phys. Status Solidi (B). Physica Status Solidi (B). Basic Research. (Berlin) (Formerly: *Phys. Status Solidi*)

Physica. Physica. (Amsterdam)

Physics Abstracts. Science Abstracts. Physics Abstracts. (London) (Usually abbreviated *P.A.* in the text of *Math. Reviews*)

Physic-Riv. Internaz. Storia Sci. Physica. Rivista Internazionale di Storia della Scienza. (Florence)

Pi Mu Epsilon J. Pi Mu Epsilon Journal. (Norman, Okla.)

**Podstawy Sterowania.* Podstawy Sterowania. Polska Akademia Nauk. Centrum Badań Naukowych w Woj. Katowickim. Zakład Systemów Automatyki Kompleksowej. (Gliwice)

Pokroky Mat. Fyz. Astronom. Jednota Československých Matematiků a Fyziku. Pokroky Matematiky, Fyziky a Astronomie. (Prague)

ABBREVIATIONS OF NAMES OF JOURNALS

- Polaka Biblio. Analit. Mech.* Polska Akademia Nauk. Instytut Podstawowych Problemów Techniki. Polska Bibliografia Analityczna. Mechanika. Polish Scientific Abstracts. Mechanics. (Warsaw)
- Portugal. Math.* Portugalise Mathematica. (Lisbon)
- Portugal. Phys.* Portugalise Physica. (Lisbon)
- Prace Inst. Automat. P.A.N.* Instytut Automatyki Polskiej Akademii Nauk. Prace. (Warsaw)
- Prace Inst. Maszyn Przepływowych.* Prace Instytutu Maszyn Przepływowych. Transactions of the Institute of Fluid-Flow Machinery. (Warsaw)
- Prakt. Akad. Athinon.* Πρακτικά της 'Ακαδημίας 'Αθηνών. (Athens)
- Praxis Math.* Praxis der Mathematik. (Cologne)
- Prilbl. Metod. Resen. Differential'. Urauen.* Priblizhennoye Metody Reseniya Differential'nyh Uravnenii. (Kiev)
- Prikl. Mat. i Programirovanie.* Akademiya Nauk Moldavskoi SSR. Institut Matematiki s Vyisshimym Centrom. Prikladnaya Matematika i Programirovanie. (Kishinev)
- Prikl. Mat. Meh.* Akademiya Nauk SSSR. Otdelenie Tehnicheskikh Nauk. Institut Mekhaniki. Prikladnaya Matematika i Mekhanika. (Moscow) (Translated as: *J. Appl. Math. Mech.*)
- Prikladna. Meh.* Akademiya Nauk Ukrainskoi SSR. Otdelenie Matematiki, Mekhaniki i Kibernetiki. Prikladnaya Mekhanika. (Kiev) (Translated as: *Soviet Appl. Mech.*)
- Primenen. Mat. Ekonom.* Leningradskii Ordena Lenina Gosudarstvennyi Universitet imeni A. A. Zdanova. Kafedra i Laboratoriya Ekonomiko-Matematicheskikh Metodov. Primenenie Matematiki v Ekonomike. (Leningrad)
- Probleme der Kybernetik.* Probleme der Kybernetik. (Berlin) (Translation of *Problemy Kibernet.*)
- *Problems of Control and Information Theory/Problemy Upravleniya i Teorii Informatsii.* Problems of Control and Information Theory. Problemy Upravleniya i Teorii Informatsii. Published jointly by the Academy of Sciences of the USSR and the Hungarian Academy of Sciences. (Budapest)
- Problems of Information Transmission.* Problems of Information Transmission. (New York) (Translation of *Problemy Peredachi Informatsii*)
- Problemy Kibernet.* Problemy Kibernetiki. (Moscow) (Translated as: *Systems Theory Res.*)
- Problemy Mat. Anal. Sloz. Sistem.* Voronezhskii Gosudarstvennyi Universitet. Problemy Matematicheskogo Analiza Sloznykh Sistem. (Voronezh)
- Problemy Peredachi Informatsii.* Akademiya Nauk SSSR. Institut Problem Peredachi Informatsii Akademii Nauk SSSR. Problemy Peredachi Informatsii. (Moscow) (Translated as: *Problems of Information Transmission*)
- Proc. Amer. Math. Soc.* Proceedings of the American Mathematical Society. (Providence, R.I.)
- Proc. Cambridge Philos. Soc.* Proceedings of the Cambridge Philosophical Society. (Cambridge, England)
- Proc. Edinburgh Math. Soc.* Proceedings of the Edinburgh Mathematical Society. (Edinburgh) (Contains *Proc. Edinburgh Math. Soc. Edinburgh Math. Notes*)
- Proc. Edinburgh Math. Soc. Edinburgh Math. Notes.* Proceedings of the Edinburgh Mathematical Society. Edinburgh Mathematical Notes. (Edinburgh) (Included in *Proc. Edinburgh Math. Soc.*)
- Proc. Fac. Engrg. Keio Univ.* Proceedings of the Fujihara Memorial Faculty of Engineering. Keio University. (Tokyo) (Continued as: *Keio Engrg. Rep.*)
- Proc. Fac. Sci. Tokai Univ.* Proceedings of the Faculty of Science of Tokai University. (Tokyo)
- *Proc. IEEE.* Proceedings of the IEEE. (New York)
- Proc. Indian Acad. Sci. Sect. A.* Proceedings of the Indian Academy of Sciences. Section A. (Bangalore)
- Proc. Indian Nat. Sci. Acad. Part A.* Proceedings of the Indian National Science Academy. Part A. Physical Sciences. (New Delhi)
- *Proc. Inst. Elec. Engrs.* Proceedings of the Institution of Electrical Engineers. Electronics. Power. Control & Science. (London)
- Proc. Inst. Statist. Math.* The Proceedings of the Institute of Statistical Mathematics. (Tokyo)
- Proc. Iowa Acad. Sci.* Proceedings of the Iowa Academy of Science. (Des Moines, Iowa)
- Proc. Japan Acad.* Proceedings of the Japan Academy. (Tokyo)
- Proc. London Math. Soc.* Proceedings of the London Mathematical Society. (London)
- Proc. Math. Phys. Soc. U.A.R. (Egypt).* Proceedings of the Mathematical and Physical Society of U.A.R. (Egypt). (Cairo)
- Proc. Nat. Acad. Sci. India Sect. A.* Proceedings of the National Academy of Sciences, India. Section—A. (Allahabad)
- Proc. Nat. Acad. Sci. U.S.A.* Proceedings of the National Academy of Sciences of the United States of America. (Washington, D.C.)
- Proc. Pakistan Statist. Assoc.* Proceedings of the Pakistan Statistical Association. (Lahore)
- Proc. Rajasthan Acad. Sci.* The Proceedings of the Rajasthan Academy of Sciences. (Pilani)
- Proc. Roy. Irish Acad. Sect. A.* Proceedings of the Royal Irish Academy. Section A. (Dublin)
- Proc. Roy. Soc. Edinburgh Sect. A.* Proceedings of the Royal Society of Edinburgh. Section A. (Mathematical and Physical Sciences). (Edinburgh)
- Proc. Roy. Soc. London Ser. A.* Proceedings of the Royal Society. London. Series A. Mathematical and Physical Sciences. (London) (May also appear as: *Proc. Roy. Soc. Ser. A*)
- Proc. Roy. Soc. Ser. A.* Proceedings of the Royal Society. Series A. Mathematical and Physical Sciences. (London) (May also appear as: *Proc. Roy. Soc. London Ser. A*)
- Proc. Steklov Inst. Math.* Proceedings of the Steklov Institute of Mathematics. (Providence, R.I.) (Translation of *Trudy Mat. Inst. Steklov.*)
- Proc. (Trudy) P. N. Lebedev Phys. Inst.* Proceedings (Trudy) of the P. N. Lebedev Physics Institute. (New York/London) (Translation of *Trudy Fiz. Inst. Lebedev.*)
- Proc. Vibration Problems.* Polish Academy of Sciences. Institute of Basic Technical Problems. Proceedings of Vibration Problems. (Warsaw)
- Proc. West Virginia Acad. Sci.* West Virginia University Bulletin. West Virginia Academy of Science. Proceedings. (Morgantown, W. Va.)
- Progr. Math.* See *Shuzus Jinzhan.*
- Progr. Math. (Allahabad).* Academy for Progress of Mathematics of the University of Allahabad. Progress of Mathematics. (Allahabad)
- Progr. Theoret. Phys.* Progress of Theoretical Physics. (Kyoto)
- Przegląd Statyst.* Sekcja Statystyki Polskiego Towarzystwa Ekonomicznego. Przegląd Statystyczny. (Warsaw)
- Pskov. Ped. Inst. Fiz.-Mat. Fak. Uchen. Zap.* Ministerstvo Prosveshcheniya RSFSR. Pskovskii Pedagogicheskii Institut. Fiziko-Matematicheskii Fakul'tet. Uchenye Zapiski. (Pskov)
- Psychometrika.* Psychometrika. A Journal Devoted to the Development of Psychology as a Quantitative Rational Science. (Chapel Hill, N.C.)
- Pubbl. IAC.* IAC. Istituto per le Applicazioni del Calcolo del Consiglio Nazionale delle Ricerche. Pubblicazioni. (Rome)

ABBREVIATIONS OF NAMES OF JOURNALS

- Publ. Dép. Math. (Lyon).* Publications du Département de Mathématiques. Faculté des Sciences de Lyon. (Lyon)
- Publ. Dept. Math. (Ljubljana).* University of Ljubljana. Institute of Mathematics, Physics and Mechanics. Publications of the Department of Mathematics. (Ljubljana)
- Publ. Inst. Math. (Beograd).* Institut Mathématique. Publications de l'Institut Mathématique. Nouvelle Série. (Belgrade)
- Publ. Inst. Statist. Univ. Paris.* Publications de l'Institut de Statistique de l'Université de Paris. (Paris)
- Publ. Math. Debrecen.* Publicationes Mathematicae. (Debrecen)
- Publ. Ramanujan Inst.* Publications of the Ramanujan Institute. (Madras)
- Publ. Res. Inst. Math. Sci.* Publications of the Research Institute for Mathematical Sciences. (Kyoto)
- Publ. Sémin. Géom. Univ. Neuchâtel.* Publications du Séminaire de Géométrie de l'Université de Neuchâtel. (Neuchâtel)
- Punjab Univ. J. Math. (Lahore).* Punjab University Journal of Mathematics. (Lahore)
- Quart. Appl. Math.* Quarterly of Applied Mathematics. (Providence, R.I.)
- Quart. J. Math. Oxford Ser.* The Quarterly Journal of Mathematics, Oxford Second Series. (Oxford)
- Quart. J. Mech. Appl. Math.* The Quarterly Journal of Mechanics and Applied Mathematics. (Oxford)
- RAAG Res. Notes.* RAAG Research Notes. (Tokyo)
- Rad Jugoslav. Akad. Znan. Umjet.* Rad Jugoslavenske Akademije Znanosti i Umjetnosti. (Zagreb)
- Radio Engng. Electron. Phys.* Radio Engineering and Electronic Physics. (Translation of *Radiotekhnika i Elektronika*, a U.S.S.R. Academy of Sciences Publication). (New York) (Translation of *Radiotekhn. i. Elektron.*)
- Radio Sci.* Radio Science. (Washington, D.C.)
- Radiophys. and Quantum Electronics.* Radiophysics and Quantum Electronics. (A translation of the *Izvestiya Vysših Učebnyh Zavedenii Radiofizika* of the Ministry of Higher Education of the USSR). (New York) (Translation of *Izv. Vysš. Učebn. Zaved. Radiofizika*)
- Radiotekhn. (Har'kov).* Har'kovskii Ordena Trudovogo Krasnogo Znameni Gosudarstvennyi Universitet imeni A. M. Gor'kogo. Radiotekhnika. (Kharkov)
- Radiotekhn. i Elektron.* Akademija Nauk SSSR. Radiotekhnika i Elektronika. (Moscow) (Translated as: *Radio Engng. Electron. Phys.*)
- Rajasthan Univ. Studies Statist.* Rajasthan University Studies in Statistics (Science Series). (Rajasthan)
- Ranchi Univ. Math. J.* Ranchi University Mathematical Journal. (Ranchi)
- Ratio.* Ratio. (Oxford)
- **RCA Rev.* RCA Review. (Princeton, N.J.)
- Recherche Aéropat.* La Recherche Aéropatiale. (Châtillon)
- Regelungstech. Prozeß-Datenverarbeitung.* Regelungstechnik und Prozeß-Datenverarbeitung. Zeitschrift für Steuern, Regeln und Automatisieren. (Munich)
- Rend. Accad. Sci. Fis. Mat. Napoli.* Società Nazionale di Napoli. Rendiconto dell'Accademia delle Scienze Fisiche e Matematiche. (Naples)
- Rend. Circ. Mat. Palermo.* Rendiconti del Circolo Matematico di Palermo. (Palermo)
- Rend. Ist. Mat. Univ. Trieste.* Rendiconti dell'Istituto di Matematica dell'Università di Trieste. (Trieste)
- Rend. Mat.* Rendiconti di Matematica. Università degli Studi di Roma. Istituto Matematico Guido Castelnuovo. Istituto di Matematica Applicata. Istituto Nazionale di Alta Matematica. (Rome)
- Rend. Sem. Fac. Sci. Univ. Cagliari.* Rendiconti del Seminario della Facoltà di Scienze della Università di Cagliari. (Cagliari)
- Rend. Sem. Mat. Fis. Milano.* Rendiconti del Seminario Matematico e Fisico di Milano. (Milan)
- Rend. Sem. Mat. Messina.* Rendiconti del Seminario Matematico di Messina. (Messina)
- Rend. Sem. Mat. Univ. Padova.* Rendiconti del Seminario Matematico dell'Università di Padova. (Padua)
- Rep. Comput. Centre Univ. Tokyo.* Report of the Computer Centre. University of Tokyo. (Tokyo)
- Rep. Fac. Sci. Kagoshima Univ.* Reports of the Faculty of Science of Kagoshima University. (Kagoshima)
- Rep. Fac. Sci. Shizuoka Univ.* Reports of the Faculty of Science. Shizuoka University. (Shizuoka)
- Rep. Inst. Sci. Tech. Univ. Tokyo.* The Reports of the Institute of Science and Technology, University of Tokyo. (Tokyo)
- Rep. Mathematical Phys.* Reports on Mathematical Physics. (Amsterdam/Warsaw)
- Rep. Statist. Appl. Res. Un. Japan. Sci. Engrs.* Reports of Statistical Application Research, Union of Japanese Scientists and Engineers. (Tokyo)
- Rep. Univ. Electro-Commun.* Reports of the University of Electro-Communications. (Tokyo)
- República Venezuela Bol. Acad. Ci. Fis. Mat. Natur.* República de Venezuela. Boletín de la Academia de Ciencias Físicas, Matemáticas y Naturales. (Caracas)
- Res. Bull. Fac. Ed. Oita Univ.* The Research Bulletin of the Faculty of Education. Oita University. (Oita)
- Res. Bull. Panjab Univ.* Research Bulletin of the Panjab University. (Chandigarh)
- Res. Rep. Anan Tech. College.* Research Reports of the Anan Technical College. (Anan)
- Res. Rep. Nagaoka Tech. College.* Research Reports of the Nagaoka Technical College. (Nagaoka)
- Res. Rep. Tokyo Electrical Engng. College.* Research Reports of Tokyo Electrical Engineering College. (Tokyo)
- Rev. Acad. Ci. Madrid.* Revista de la Real Academia de Ciencias Exactas, Físicas y Naturales de Madrid. (Madrid)
- Rev. Acad. Ci. Zaragoza.* Revista de la Academia de Ciencias Exactas, Físico-Químicas y Naturales de Zaragoza. (Zaragoza)
- **Rev. Bio-Math.* Revue de Bio-Mathématique. (Antony)
- Rev. CETHEDEC.* Revue du Centre d'Études Théoriques de la Détection et des Communications. (Paris)
- Rev. Ci. (Lima).* Revista de Ciencias. (Lima)
- Rev. Ci. Mat. Univ. Lourenço Marques Sér. A.* Revista de Ciências Matemáticas. Universidade de Lourenço Marques. Série A. (Lourenço Marques)
- Rev. Ci. Mat. Univ. Lourenço Marques Sér. B.* Revista de Ciências Matemáticas. Universidade de Lourenço Marques. Série B. (Lourenço Marques)
- Rev. Colombiana Mat.* Revista Colombiana de Matemáticas. (Bogotá)
- Rev. Fac. Ci. Univ. Coimbra.* Revista de Faculdade de Ciências da Universidade de Coimbra. (Coimbra)
- **Rev. Française Automat. Informat. Recherche Opérationnelle.* Revue Française d'Automatique, Informatique et Recherche Opérationnelle. (Paris) (Formerly: *Rev. Française Informat. Recherche Opérationnelle*)
- Rev. Française Informat. Recherche Opérationnelle.* Association Française d'Informatique et de Recherche Opérationnelle. Revue Française d'Informatique et de Recherche Opérationnelle. (Paris) (Continued as: *Rev. Française Automat. Informat. Recherche Opérationnelle*)

ABBREVIATIONS OF NAMES OF JOURNALS

- Rev. Histoire Sci. Appl.* Revue d'Histoire des Sciences et de leurs Applications. (Paris)
- Rev. Inst. Internat. Statist.* Revue de l'Institut International de Statistique. Review of the International Statistical Institute. (The Hague) (Continued as: *Internat. Statist. Rev.*)
- Rev. Mat. Sociedad Matemática Mexicana.* Revista Matemática. (Mexico City)
- Rev. Mat. Hisp.-Amer.* Revista Matemática Hispano-Americana. (Madrid)
- Rev. Mexicana Fis.* Revista Mexicana de Física. (Mexico City)
- Rev. Modern Phys.* Reviews of Modern Physics. (New York)
- Rev. Roumaine Math. Pures Appl.* Académie de la République Populaire Roumaine. Revue Roumaine de Mathématiques Pures et Appliquées. (Bucharest)
- Rev. Roumaine Phys.* Revue Roumaine de Physique. (Bucharest)
- Rev. Roumaine Sci. Tech. Sér. Électrotech. Énergé.* Revue Roumaine des Sciences Techniques. Série Électrotechnique et Énergétique. (Bucharest)
- Rev. Roumaine Sci. Tech. Sér. Méc. Appl.* Revue Roumaine des Sciences Techniques. Série de Mécanique Appliquée. (Bucharest)
- **Rev. Tech. Thomson-CSF.* Revue Technique Thomson-CSF. (Paris)
- Rev. Un. Mat. Argentina.* Revista de la Unión Matemática Argentina. (Buenos Aires)
- Rice Univ. Studies.* Rice University Studies. (Houston, Tex.)
- Ricerca (Napoli).* La Ricerca. Rivista di Matematiche Pure ed Applicate. (Naples)
- Ricerche Mat.* Ricerche di Matematica. (Naples)
- Rīgas Politehn. Inst. Zinātn. Rakst.* Rīgas Politehniskais Institūts. Rīgas Politehniskais Institūts. Učēnye Zapiski. Rīgas Politehniskais Institūts Zinātniskie Raksti. (Riga)
- Riv. Mat. Univ. Parma.* Rivista di Matematica della Università di Parma. (Parma)
- Riv. Nuovo Cimento.* Rivista del Nuovo Cimento. (Bologna)
- Rīžsk. Inst. Inž. Graīdan. Aviācij.* Rīžskīl Institut Inženierov Graīdanakoj Aviācij imeni Leninskogo Komsomola. (Riga)
- Rjazansk. Gos. Ped. Inst. Učēn. Zap.* Rjazanskīl Gosudarstvennīl Pedagogičeskīl Institut. Učēnye Zapiski. (Ryazan)
- Rocky Mountain J. Math.* The Rocky Mountain Journal of Mathematics. (Missoula, Mont.)
- Rostov-na-Donu Gos. Ped. Inst. Fiz.-Mat. Fak. Učēn. Zap.* Rostovskīl-na-Donu Gosudarstvennīl Pedagogičeskīl Institut. Fiziko-Matematičeskīl Fakul'tet. Učēnye Zapiski. (Rostov-on-Don)
- Rostov-na-Donu Gos. Univ. Učēn. Zap.* Rostovskīl-na-Donu Gosudarstvennīl Universitet. Učēnye Zapiski. (Ordzhonikidze)
- Rozprawy Československé Akad. Věd. Řada Mat. Přirod. Věd.* Rozprawy Československé Akademie Věd. Řada Matematických a Přírodních Věd. (Prague)
- Rozprawy Elektrotech.* Polska Akademia Nauk. Instytut Technologii Elektronowej. Rozprawy Elektrotechniczne. (Warsaw)
- Rozprawy Inst. Polaka Akademia Nauk. Instytut Podstawowych Problemów Techniki.* Rozprawy Inżynierskie. (Warsaw)
- Rozprawy Politech. Poznań.* Politechnika Poznańska. Rozprawy. (Poznań)
- **RSb Ėkonom. Promyšl. D.* Akademija Nauk SSSR. Vsesojuznīl Institut Naučnoj i Tehničeskoj Informacii. Referativnīl Sbornik. Ėkonomika Promyšlennosti. D. Primenenie Matematičeskīh Metodov v Ėkonomičeskīh Issledovanijah i Planirovanii. (Moscow)
- Russian Math. Surveys.* Russian Mathematical Surveys. (A translation of the survey articles and of selected biographical articles in *Uspehi Matematičeskīh Nauk*). (London) (Translation of *Uspehi Mat. Nauk*)
- RZAutomat. Telemek. i Vyčisl. Tehn.* Akademija Nauk SSSR. Institut Naučnoj Informacii. Referativnīl Žurnal. Avtomatika, Telemekhanika i Vyčislitel'naja Tehnika. (Moscow)
- RZFiz.* Akademija Nauk SSSR. Institut Naučnoj Informacii. Referativnīl Žurnal. Fizika. (Moscow)
- RZKibernet.* Akademija Nauk SSSR. Institut Naučnoj Informacii. Referativnīl Žurnal. Kibernetika. (Moscow)
- RZMat.* Akademija Nauk SSSR. Institut Naučnoj Informacii. Referativnīl Žurnal. Matematika. (Moscow)
- RZMeh.* Akademija Nauk SSSR. Institut Naučnoj Informacii. Referativnīl Žurnal. Mehanika. (Moscow)
- Sakharth. SSR Mecn. Akad. Gamotvul. Centr. Šrom.* Sakharthvelos SSR Mecnierebatha Akademis Gamotvulthi Centris Šromebl. (Tbilisi) (Formerly listed as: *Trudy Vyčisl. Centra Akad. Nauk Gruzin. SSR*)
- Sakharth. SSR Mecn. Akad. Math. Inst. Šrom.* Sakharthvelos SSR Mecnierebatha Akademis A. Razmadzis Sahelebis Tbilisis Matematikis Institutis. Šromebl. (Tbilisi) (Formerly listed as: *Akad. Nauk Gruzin. SSR. Trudy Tbilis. Mat. Inst. Razmadze*)
- Sakharth. SSR Mecn. Akad. Moambe.* Sakharthvelos SSR Mecnierebatha Akademis Moambe. (Tbilisi) (Formerly listed as: *Soobš. Akad. Nauk Gruzin. SSR*)
- Sankhyā Ser. A.* Sankhyā (Statistics). The Indian Journal of Statistics. Series A. (Calcutta)
- Sankhyā Ser. B.* Sankhyā (Statistics). The Indian Journal of Statistics. Series B. (Calcutta)
- Saratov. Gos. Ped. Inst. Učēn. Zap.* Saratovskīl Gosudarstvennīl Pedagogičeskīl Institut. Učēnye Zapiski. (Saratov)
- S.-B. Berlin. Math. Gesellsch.* Sitzungsberichte der Berliner Mathematischen Gesellschaft. (Berlin)
- S.-B. Heidelberger Akad. Wiss. Math.-Natur. Kl.* Sitzungsberichte der Heidelberger Akademie der Wissenschaften. Mathematisch-Naturwissenschaftliche Klasse. (Heidelberg)
- S.-B. Sächs. Akad. Wiss. Leipzig Math.-Natur. Kl.* Sitzungsberichte der Sächsischen Akademie der Wissenschaften zu Leipzig. Mathematisch-naturwissenschaftliche Klasse. (Berlin)
- Sb. Prací Ped. Fak. v Ostravě Ser. A.* Sborník Prací Pedagogické Fakulty v Ostravě. Seria A. (Ostrava)
- Sb. Prací Přírodověd. Fak. Univ. Palackého v Olomouci.* Sborník Prací Přírodovědecké Fakulty University Palackého v Olomouci. (Prague)
- Sb. Prací Vys. Školy Doprav. v Žilíně a Výzkum. Ústav. Doprav. v Praze.* Sborník Prací Vysoké Školy Dopravní v Žilíně a Výzkumného Ústavu Dopravního v Praze. (Prague)
- Sb. Voj. Akad. (Brno).* Sborník Vojenské Akademie Antonína Zápotockého. (Brno)
- Sb. Vysoké. Učení Tech. Brno.* Sborník Vysokého Učení Technického v Brně. (Brno)
- Schr. Math. Inst. Univ. Münster.* Schriftenreihe des Mathematischen Instituts der Universität Münster. (Münster)
- Sci. Abstracts China Sect. Math. Phys. Sci.* Institute of Scientific and Technical Information of China. Science Abstracts of China. Mathematical and Physical Sciences. (Peking)
- **Sci. Amer.* Scientific American. (New York)
- Sci. Hist. Scientiarum Historia.* Driemaandelijks Tijdschrift voor de Geschiedenis van de Geneeskunde, Wiskunde en Natuurwetenschappen. (Antwerp)
- Sci. Papers College Gen. Ed. Univ. Tokyo.* Scientific Papers of the College of General Education. University of Tokyo. (Tokyo)
- Sci. Rep. College Gen. Ed. Osaka Univ.* Science Reports. College of General Education. Osaka University. (Osaka)
- Sci. Rep. Fac. Ed. Gifu Univ. Natur. Sci.* Science Reports of the Faculty of Education. Gifu University. (Natural Science). (Gifu)
- Sci. Rep. Hirosaki Univ.* Science Reports of the Hirosaki University. (Hirosaki)

ABBREVIATIONS OF NAMES OF JOURNALS

- Sci. Rep. Kanazawa Univ.* The Science Reports of the Kanazawa University. (Kanazawa)
- Sci. Rep. Niigata Univ. Ser. A.* Science Reports of Niigata University. Series A (Mathematics). (Niigata)
- Sci. Rep. Res. Inst. Theoret. Phys. Hiroshima Univ.* Scientific Reports of the Research Institute for Theoretical Physics, Hiroshima University. (Hiroshima)
- Sci. Rep. Saitama Univ. Ser. A.* The Science Reports of the Saitama University. Series A. Mathematics, Physics and Chemistry. (Urawa)
- Sci. Rep. Tokyo Kyoiku Daigaku Sect. A.* Science Reports of the Tokyo Kyoiku Daigaku (Tokyo University of Education). Section A. (Tokyo)
- Sci. Rep. Yokohama Nat. Univ. Sect. I.* Science Reports of the Yokohama National University. Section I. Mathematics, Physics. (Yokohama)
- Sci. Sinica.* Scientia Sinica. (Peking)
- Scientia (Valparaiso).* Universidad Técnica Federico Santa María. Scientia. (Valparaiso)
- Scripta Math.* Scripta Mathematica. A Quarterly Journal Devoted to the Philosophy, History, and Expository Treatment of Mathematics. (New York)
- Sem. Inst. Prikl. Mat. Annotac. Doklady.* (Tbilisi) See Gamqeneb. Math. Inst. Sem. Moqsen. Anotacie.
- Sem. Math. V. A. Steklov Math. Inst. Leningrad.* Seminars in Mathematics V. A. Steklov Mathematical Institute Leningrad. (New York) (Translation of *Zap. Naučn. Sem. Leningrad. Otdel. Mat. Inst. Steklov. (LOMI)*)
- Semigroup Forum.* Semigroup Forum. (New York)
- Shengxue Xuebao.* See *Acta Acust. Sinica*.
- Shuxue Jinzhan.* Chinese Mathematical Society. Academia Sinica. Shuxue Jinzhan (Progress in Mathematics). (Peking)
- SIAM J. Appl. Math.* SIAM Journal on Applied Mathematics. (Philadelphia, Pa.)
- **SIAM J. Comput.* SIAM Journal on Computing. (Philadelphia, Pa.)
- SIAM J. Control.* SIAM Journal on Control. (Philadelphia, Pa.)
- SIAM J. Math. Anal.* SIAM Journal on Mathematical Analysis. (Philadelphia, Pa.)
- SIAM J. Numer. Anal.* SIAM Journal on Numerical Analysis. (Philadelphia, Pa.)
- SIAM Rev.* SIAM Review. A Publication of the Society for Industrial and Applied Mathematics. (Philadelphia, Pa.)
- Siberian Math. J.* Siberian Mathematical Journal. (New York) (Translation of *Sibirsk. Mat. Ž.*)
- Sibirsk. Mat. Ž.* Akademija Nauk SSSR. Sibirskoe Otdelenie. Sibirskii Matematicheskii Zhurnal. (Moscow) (Translated as: *Siberian Math. J.*)
- **Siemens Forsch.- und Entwicklungsber.* Siemens Forschungs- und Entwicklungsberichte. Research and Development Reports. (Berlin)
- Simon Stevin.* Simon Stevin. Wis- en Natuurkundig Tijdschrift. (Groningen-Djakarta)
- Skand. Aktuarietidskr.* Skandinavisk Aktuarietidskrift. (Uppsala)
- Skr. Norske Vid.-Akad. Oslo I.* Skrifter Utgitt av det Norske Videnskaps-Akademi i Oslo. I. Mat.-Naturv. Klasse. (Oslo)
- Smolensk. Gos. Ped. Inst. Učen. Zap.* Smolenskii Gosudarstvennyi Pedagogicheskii Institut. Učenyje Zapiski. Smolenskii Matematicheskii Sbornik. (Smolensk)
- Smolensk. Mat. Sb.* See *Smolensk. Gos. Ped. Inst. Učen. Zap.*
- Soc. Actuar. Trans.* Society of Actuaries. Transactions. (Chicago, Ill.)
- Soc. Sci. Fenn. Comment. Phys.-Math.* Societas Scientiarum Fennica. Commentationes Physico-Mathematicae. (Helsinki)
- Soobšč. Akad. Nauk Gruzin. SSR.* Soobščeniia Akademii Nauk Gruzinskoi SSR. (Tbilisi) See *Sakharth. SSR Mecn. Akad. Moambe*.
- Soobšč. Vyčisl. Mat. Akademija Nauk SSSR.* Vyčislitel'nyi Centr. Soobščeniia po Vyčislitel'noi Matematike. (Moscow)
- South African Statist. J.* South African Statistical Journal. (Cape Town)
- Soviet Aeronaut.* Soviet Aeronautics. (New York) (Translation of *Izv. Vysš. Učebn. Zaved. Aviacion. Tehn.*)
- Soviet Appl. Mech.* Soviet Applied Mechanics. (New York) (Translation of *Prikladna. Meh.*)
- Soviet Astronom. AJ.* Soviet Astronomy. AJ. (A translation of *Astronomičeskii Zhurnal*, the astronomical journal of the Academy of Sciences of the USSR). (New York) (Translation of *Astronom. Ž.*)
- Soviet Automat. Control.* Soviet Automatic Control. (New York) (Translation of *Avtomatika*)
- Soviet J. Nuclear Phys.* American Institute of Physics. Soviet Journal of Nuclear Physics. (New York) (Translation of *Jadernaja Fiz.*)
- Soviet Math. Dokl.* Soviet Mathematics. Doklady. (A translation of the mathematics section of *Doklady Akademii Nauk SSSR*). (Providence, R.I.) (Translation of mathematics section of *Dokl. Akad. Nauk SSSR*)
- Soviet Physics Acoust.* Soviet Physics. Acoustics. (A translation of *Akustičeskii Zhurnal* of the Academy of Sciences of the USSR). (New York) (Translation of *Akust. Ž.*)
- Soviet Physics Dokl.* Soviet Physics. Doklady. (A translation of the physics sections of *Doklady Akademii Nauk SSSR*). (New York) (Translation of physics sections of *Dokl. Akad. Nauk SSSR*)
- Soviet Physics J.* Soviet Physics Journal. (New York) (Translation of *Izv. Vysš. Učebn. Zaved. Fizika*)
- Soviet Physics JETP.* Soviet Physics. JETP. (A translation of *Ž. Èksperimental'noi i Teoreticheskoi Fiziki* of the USSR). (New York) (Translation of *Ž. Èksper. Teoret. Fiz.*)
- Spisy Ped. Fak. v Ostravě.* Spisy Pedagogické Fakulty v Ostravě. (Ostrava)
- Spisy Přírod. Fak. Univ. Brno.* Spisy Přírodovědecké Fakulty University v Brně. Trudy Estestvenno-Istoricheskogo Fakul'teta Universiteta v g. Brno. Publications de la Faculté des Sciences de l'Université à Brno. (Brno)
- Statist. Izv. NRB'Igarija.* D'riavno Upravljenje za Informacija pri Ministerskija S'vet. Statistički Izvestija. (Sofia)
- Statist. Theory Method Abstracts.* Statistical Theory and Method Abstracts. (London) (Usually abbreviated as *STMA* in the text of *Math. Reviews*)
- Statistica (Bologna).* Statistica. (Bologna)
- Statistica Neerlandica.* Statistica Neerlandica. Orgaan van de Vereniging voor Statistiek. (The Hague)
- Statistika (Sofia).* D'riavno Upravljenje za Informacija pri Ministerskija S'vet. (Sofia)
- STMA.* Statistical Theory and Method Abstracts. (London)
- Stroje na Zpracování Informací.* Československá Akademie Věd. Výzkumný Ústav Matematických Strojů. Research Institute of Mathematical Machines. Isledovatel'skii Institut Matematicheskikh Mašin. Stroje na Zpracování Informací. (Prague)
- Stud. Cerc. Econom.* Studii și Cercetări Economice. (Bucharest)
- Stud. Cerc. Fiz.* Studii și Cercetări de Fizică. (Bucharest)
- Stud. Cerc. Mat.* Studii și Cercetări Matematice. (Bucharest)
- Stud. Cerc. Mec. Apl.* Studii și Cercetări de Mecanică Aplicată. (Bucharest)
- **Studia Automat.* Studia z Automatyki. Poznańskie Towarzystwo Przyjaciół Nauk. Wydział Nauk Technicznych. Prace Komisji Automatyki. (Poznań)

ABBREVIATIONS OF NAMES OF JOURNALS

- Studia Leibnitiana.* Studia Leibnitiana. Vierteljahrsschrift für Philosophie und Geschichte der Wissenschaften. (Wiesbaden)
- Studia Logica.* Polska Akademia Nauk. Komitet Filozoficzny. Studia Logica. (Warsaw)
- Studia Math.* Polska Akademia Nauk. Studia Mathematica. (Warsaw)
- Studia Sci. Math. Hungar.* Consilium Instituti Mathematici Academiae Scientiarum Hungaricae. Studia Scientiarum Mathematicarum Hungarica. (Budapest)
- Studia Univ. Babeş-Bolyai Ser. Math.-Mech.* Studia Universitatis Babeş-Bolyai. Series Mathematica-Mechanica. (Cluj)
- Studia Univ. Babeş-Bolyai Ser. Phys.* Studia Universitatis Babeş-Bolyai. Series Physica. (Cluj)
- Studies in Appl. Math.* Studies in Applied Mathematics. (Cambridge, Mass.)
- Sudhoffs Arch.* Sudhoffs Archiv für Geschichte der Medizin und der Naturwissenschaften. (Wiesbaden)
- Sûgaku.* Mathematical Society of Japan. Sûgaku (Mathematics). (Tokyo)
- Sûgakushi Kenkyû.* History of Mathematics Society of Japan. Sûgakushi Kenkyû (Journal of History of Mathematics of Japan). (Tokyo)
- Su-hak kwa Mul-li.* Academy of Science of the People's Democratic Republic of Korea. Research Center for Physics and Mathematics. Su-hak kwa Mul-li (Mathematics and Physics). (Pyongyang)
- Sverdlovsk. Gos. Ped. Inst. Učen. Zap.* Sverdlovskii Gosudarstvennyi Pedagogičeskii Institut. Učenyje Zapiski. (Sverdlovsk)
- Synthese.* Synthese. An International Journal for Epistemology, Methodology and Philosophy of Science. (Dordrecht)
- Systems and Control.* Systems and Control (Shisutemu to Seigyo). (Kyoto)
- Systems Theory Res.* Systems Theory Research. (New York) (Translation of *Problemy Kibernet.*)
- Szigma—Mat.-Közgazdasági Folyóirat.* Szigma. Matematikai-Közgazdasági Folyóirat. (Budapest)
- Tadžik. Gos. Univ. Učen. Zap.* Tadžikskii Gosudarstvennyi Universitet im. V. I. Lenina. Učenyje Zapiski. Trudy Fiziko-Matematicheskogo Fakul'teta. Serija Matematicheskaja. (Dushanbe)
- Tadžik. S.-h. Inst. Trudy.* Tadžikskii Sel'skhozjaistvennyi Institut i Tadžikskii Gosudarstvennyi Universitet. Trudy. (Dushanbe)
- *Taita J. Math.* Taita Journal of Mathematics. (Taipei)
- Tallin. Politehn. Inst. Toimetised Ser. A.* Tallinna Politehniline Instituudi Toimetised Seria A. (Tallin)
- Tamkang J.* Tamkang Journal. (Taipei)
- Tamkang J. Math.* Tamkang Journal of Mathematics. (Taipei)
- Tập San Toán-lý.* Ban Toán-lý. Ủy Ban Khoa Học Và Kỹ Thuật Nhà Nước. (Hanoi)
- Tartu Riikl. Ül. Toimetised.* Tartu Riikliku Ülikooli Toimetised. Učenyje Zapiski Tartuskogo Gosudarstvennogo Universiteta. Acta et Commentationes Universitatis Tartuensia. Matemaatika—ja mehhaanikaalaeid töid. Trudy po matematike i mehanike. (Tartu)
- Taşkent. Gos. Ped. Inst. Učen. Zap.* Ministerstvo Prosveščeniya Uzbekskoi SSR. Taškentskii Gosudarstvennyi Pedagogičeskii Institut im. Nizami. Učenyje Zapiski. (Tashkent)
- Taşkent. Gos. Univ. Naučn. Trudy.* Taškentskii Gosudarstvennyi Universitet. Naučnyje Trudy. (Tashkent)
- Taşkent. Politehn. Inst. Naučn. Trudy.* Ministerstvo Vysshego i Srednego Special'nogo Obrazovaniya. Taškentskii Politehničeskii Institut. Naučnyje Trudy. Novaja Serija. (Tashkent)
- Taşkent. Tekstil. Inst. Kaf. Vysš. Mat. Sb. Naučn.-Issled. Rabot Ser. Mat.* Taškentskii Tekstil'nyi Institut. Kafedra Vysšei Matematiki. Sbornik Naučno-Issledovatel'skikh Rabot. Serija Matematiki. (Tashkent)
- Tbiliss. Gos. Univ. Inst. Prikl. Mat. Trudy.* (Tbilisi) See *Tbilis. Saĥelmç. Univ. Gamoqeneb. Math. Inst. Šrom.*
- Tbiliss. Gos. Univ. Trudy Ser. Fiz. Nauk.* Tbilisskii Gosudarstvennyi Universitet. Trudy. Serija Fizičeskikh Nauk. (Tbilisi) See *Tbilis. Saĥelmç. Univ. Šrom. Fiz. Mecn. Ser.*
- Tbiliss. Gos. Univ. Trudy Ser. Meh.-Mat. Nauk.* Tbilisskii Gosudarstvennyi Universitet. Trudy. Serija Mehaniko-Matematicheskikh Nauk. (Tbilisi) See *Tbilis. Saĥelmç. Univ. Šrom. Mekh.-Math. Mecn. Ser.*
- Tech. Rep. Engrg. Res. Inst. Kyoto Univ.* Technical Reports of the Engineering Research Institute. Kyoto University. (Kyoto)
- Tech. Rep. Osaka Univ.* Technology Reports of the Osaka University. (Osaka)
- Technikgeschichte.* Technikgeschichte. Verein Deutscher Ingenieure. (Düsseldorf)
- Technometrics.* Technometrics. A Journal of Statistics for the Physical, Chemical and Engineering Sciences. (Princeton, N.J.)
- Tellus. Svenska Geofysiska Föreningen.* Tellus. A Quarterly Journal of Geophysics. (Uppsala)
- Tensor.* Tensor. New Series. The Tensor Society. (Tokyo)
- Teor. Funkcii Funkcional. Anal. i Priložen.* Har'kovskii Ordena Trudovogo Krasnogo Znameni Gosudarstvennyi Universitet imeni A. M. Gor'kogo. Teoriya Funkcii, Funkcional'nyi Analiz i ih Priloženija. (Kharkov)
- Teor. Veroyatnost. i Mat. Statist.* Teoriya Veroyatnostei i Matematicheskaya Statistika. (Kiev)
- Teor. Veroyatnost. i Primenen.* Akademija Nauk SSSR. Teoriya Veroyatnostei i ee Primeneniya. (Moscow) (Translated as: *Theor. Probability Appl.*)
- Teoret. Elektrotehn.* L'vovskii Gosudarstvennyi Universitet. Teoreticheskaya Elektrotehnika. (Lvov)
- Teoret. i Prikl. Meh.* B'lgarska Akademija na Naukite. Teoretična i Priložna Mehanika. (Sofia)
- Teoret. Mat. Fiz.* Akademija Nauk SSSR. Teoreticheskaya i Matematicheskaya Fizika. (Moscow)
- Teoret. Prikl. Mat.* MVSSO URSR L'viv'skii Ordena Lenina Deržavnyi Universitet imeni Iv. Franka. Teoretična i Prikladna Matematika. (Lvov)
- TESLA Electronics.* TESLA Electronics. Quarterly Review of Czechoslovak Electronics and Telecommunications. (Prague)
- Thalès.* Thalès. Recueil Annuel des Travaux de l'Institut d'Histoire des Sciences et des Techniques de l'Université de Paris. (Paris)
- Tbilis. Saĥelmç. Univ. Gamoqeneb. Math. Inst. Šrom.* Tbilisis Saĥelmçipho Universiteti Gamoqenebithi Matematikis Instituti Šromebi. (Tbilisi) (Also listed as: *Tbilis. Gos. Univ. Inst. Prikl. Mat. Trudy*)
- Tbilis. Saĥelmç. Univ. Šrom. Mekh.-Math. Mecn. Ser.* Tbilisis Saĥelmçipho Universiteti. Šromebi. Mekhanika-Matematiki Mecnierebatha Seria. (Tbilisi) (Formerly listed as: *Tbilis. Gos. Univ. Trudy Ser. Meh.-Mat. Nauk*)
- Tbilis. Saĥelmç. Univ. Šrom. Fiz. Mecn. Ser.* Tbilisis Saĥelmçipho Universiteti. Šromebi. Fiziki Mecnierebatha Seria. (Tbilisi) (Formerly listed as: *Tbilis. Gos. Univ. Trudy Ser. Fiz. Nauk*)
- Theor. Probability Appl.* Theory of Probability and its Applications. (An English translation of the Soviet journal *Teoriya Veroyatnostei i ee Primeneniya*). (Philadelphia, Pa.) (Translation of *Teor. Veroyatnost. i Primenen.*)
- Theoret. Population Biology.* Theoretical Population Biology. (New York)
- Theoria.* Theoria. A Swedish Journal of Philosophy. (Lund)
- *Theory and Decision.* Theory and Decision. An International Journal for Philosophy and Methodology of the Social Sciences. (Dordrecht)

ABBREVIATIONS OF NAMES OF JOURNALS

- Tiraspol. Gos. Ped. Inst. Učen. Zap.* Tiraspol'skii Gosudarstvennyi Pedagogičeskii Institut im. T. G. Ševčenko. Učenyje Zapiski. (Kishinev)
- Tjumen. Gos. Ped. Inst. Učen. Zap.* Ministerstvo Prosvěščenija RSFSR. Tjumen'skii Gosudarstvennyi Pedagogičeskii Institut. Učenyje Zapiski. (Tyumen)
- Tôhoku Math. J.* The Tôhoku Mathematical Journal. (Sendai)
- Tomsk. Gos. Univ. Učen. Zap.* Tomskii Gosudarstvennyi Universitet im. V. V. Kuľbyševa. Učenyje Zapiski. (Tomsk)
- Topology.* Topology. An International Journal of Mathematics. (Oxford)
- Trabajos Estadíst.* Trabajos de Estadística. (Madrid)
- Trans. Amer. Math. Soc.* Transactions of the American Mathematical Society. (Providence, R.I.)
- Trans. ASME Ser. E. J. Appl. Mech.* Transactions of the ASME. Series E. Journal of Applied Mechanics. (New York)
- **Trans. ASME Ser. G. J. Dynamic Systems, Measurement and Control.* Transactions of the ASME. Series G. Journal of Dynamic Systems, Measurement and Control. (New York)
- Trans. Moscow Math. Soc.* Transactions of the Moscow Mathematical Society. (Providence, R.I.) (Translation of *Trudy Moskov. Mat. Obšč.*)
- Trans. New York Acad. Sci.* Transactions of the New York Academy of Sciences. (New York)
- Trans. Roy. Soc. Canada.* Transactions of the Royal Society of Canada. Chemical, Mathematical and Physical Sciences. (Ottawa)
- Trans. Roy. Soc. South Africa.* Transactions of the Royal Society of South Africa. (Cape Town)
- Transportation Sci.* Operations Research Society of America. Transportation Science Section. Transportation Science. (Baltimore, Md.)
- TRU Math.* TRU Mathematics. (Tokyo)
- Trudy Akad. Nauk Litov. SSR Ser. B.* Lietuvos TSR Mokslų Akademijos. Darbai. Serija B. Akademii Nauk Litovskoi SSR. Trudy. Serija B. (Vilnius)
- Trudy Doneck. Politehn. Inst.* Trudy Doneckogo Politehničeskogo Instituta. (Doneck)
- Trudy Fiz. Inst. Lebedev.* Akademija Nauk SSSR. Trudy Fizičeskogo Instituta imeni P. N. Lebedeva. (Moscow) (Translated as: *Proc. (Trudy) P. N. Lebedev Phys. Inst.*)
- **Trudy Frunze. Politehn. Inst.* Ministerstvo Narodnogo Obrazovanija Kirgizskoi SSR. Frunzenskii Politehničeskii Institut. Trudy Frunzenskogo Politehničeskogo Instituta. (Frunze)
- Trudy Geometr. Sem.* Akademija Nauk SSSR. Institut Naučnoi Informacii. VINITI. Trudy Geometričeskogo Seminara. (Moscow)
- Trudy Inst. Istor. Estestvoznani. Tehn.* Akademija Nauk SSSR. Trudy Instituta Istorii Estestvoznaniija i Tehniki. (Moscow)
- Trudy Inst. Teor. Astronom.* Akademija Nauk SSSR. Trudy Instituta Teoretičeskoi Astronomii. (Moscow)
- Trudy Irkutsk. Gos. Univ.* Trudy Irkutskogo Gosudarstvennogo Universiteta. (Irkutsk)
- Trudy Kazan. Aviacion. Inst.* Trudy Kazanskogo Aviacionnogo Instituta. Matematika i Mehanika. (Kazan)
- Trudy Kazan. S.-A. Inst.* Trudy Kazanskogo Sel'skohozjaistvennogo Instituta. (Kazan)
- Trudy Leningrad. Tehn. Inst. Trudy Kafedr Meh. Fak.* Ministerstvo Vyšnogo Obrazovanija SSSR. Trudy Leningradskogo Tehnologičeskogo Instituta imeni Lensova. Trudy Kafedr Mehaničeskogo Fakul'teta. (Leningrad)
- Trudy Mat. Inst. Steklov.* Akademija Nauk Sojuza Sovetskikh Socialističeskikh Respublik. Trudy Matematičeskogo Instituta im. V. A. Steklova. (Moscow-Leningrad) (Translated as: *Proc. Steklov Inst. Math.*)
- Trudy Moskov. Mat. Obšč.* Trudy Moskovskogo Matematičeskogo Obščestva. (Moscow) (Translated as: *Trans. Moscow Math. Soc.*)
- Trudy Moskov. Orden. Lenin. Ėnerget. Inst.* Ministerstvo Vyshego i Srednego Special'nogo Obrazovanija RSFSR. Trudy Moskovskogo Ordena Lenina Ėnergetičeskogo Instituta. (Moscow)
- Trudy Naučn. Obšč. Prepodav. Fiz.-Mat. Fak. Ped. Inst. Dal'n. Vostok.* Ministerstvo Prosvěščenija RSFSR. Habarovskii Gosudarstvennyi Pedagogičeskii Institut. Trudy Naučnogo Ob'edinenija Prepodavatelei Fiziko-matematičeskikh Fakul'tetov Pedagogičeskikh Institutov Dal'nego Vostoka. (Khabarovsk)
- Trudy Pričeval'sk. Gos. Ped. Inst.* Ministerstvo Narodnogo Obrazovanija Kirgizskoi SSR. Trudy Pričeval'skogo Gosudarstvennogo Pedagogičeskogo Instituta. (Pričeval'sk)
- Trudy Samarkand. Gos. Univ.* Ministerstvo Vyshego i Srednego Special'nogo Obrazovanija UzSSR. Trudy Samarkandakogo Gosudarstvennogo Universiteta im. A. Navoi. (Samarkand)
- Trudy Saratov. Inst. Meh. S.-A.* Trudy Saratovskogo Instituta Mehanizacii Sel'skogo Hozjaistva. (Saratov)
- Trudy Sem. Kraev. Zadačam.* Trudy Seminara po Kraevym Zadačam. (Kazan')
- Trudy Sem. Mat. Fiz. Nelinein. Koleban.* Akademija Nauk Ukrainskoi SSR. Institut Matematiki. Trudy Seminara po Matematičeskoi Fizike i Nelineinym Kolebanijam. (Kiev)
- Trudy Sem. Teor. Differencial. Uravnenii s Otklon. Argumentom Univ. Družby Narodov Patrisa Lumumby.* Trudy Seminara po Teorii Differencial'nyh Uravnenii s Otklonjajučimsja Argumentom. Universitet Družby Narodov imeni Patrisa Lumumby. (Moscow)
- Trudy Sem. Vektor. Tensor. Anal.* Trudy Seminara po Vektornomu i Tenzornomu Analizu s ih Priloženijami k Geometrii, Mehanike i Fizike. (Moscow)
- Trudy Sibirsk. Fiz.-Tehn. Inst.* Trudy Sibirskogo Fiziko-Tehničeskogo Instituta imeni Akademika V. D. Kuznecova. (Tomsk)
- Trudy Taškent. Gos. Univ.* Trudy Taškentskogo Gosudarstvennogo Universiteta im. V. I. Lenina. Matematika. (Taškent) See *Taškent. Gos. Univ. Naučn. Trudy.*
- Trudy Tomsk. Gos. Univ.* Trudy Tomskogo Gosudarstvennogo Universiteta im. V. V. Kuľbyševa. (Tomsk)
- Trudy Univ. Družby Narod.* Trudy Universiteta Družby Narodov imeni Patrisa Lumumby. (Moscow)
- Trudy Vsesojuz. Začn. Ėnerget. Inst.* Trudy Vsesojuznogo Začnogo Ėnergetičeskogo Instituta. (Moscow)
- Trudy Vyčisl. Centra Akad. Nauk Armjan. SSR i Erevan. Gos. Univ.* Trudy Vyčislitel'nogo Centra Akademii Nauk Armjanskoi SSR i Erevanskogo Gosudarstvennogo Universiteta. (Erevan)
- Trudy Vyčisl. Centra Akad. Nauk Gruzin. SSR.* Akademija Nauk Gruzinskoi SSR. Trudy Vyčislitel'nogo Centra. (Tbilisi) See *Sakharth. SSR Mecn. Akad. Gamoteli. Centr. Šrom.*
- Trudy Vyčisl. Centra Tartu. Gos. Univ.* Trudy Vyčislitel'nogo Centra. Tartuskii Gosudarstvennyi Universitet. (Tartu)
- Tul. Gos. Ped. Inst. Učen. Zap. Mat. Kaf.* Tul'skii Gosudarstvennyi Pedagogičeskii Institut im. L. N. Tolstogo. Učenyje Zapiski Matematičeskikh Kafedr. (Tula)
- Turkmen. Gos. Univ. Učen. Zap.* Ministerstvo Narodnogo Obrazovanija TSSR. Turkmen'skii Gosudarstvennyi Universitet imeni A. M. Gor'kogo. Učenyje Zapiski. (Ashkhabad)
- Tydskr. Natuurwetenskap.* Die Suid-Afrikaanse Akademie vir Wetenskap en Kuna. Tydskrif vir Natuurwetenskappe. (Pretoria)
- U.S.S.R. Computational Math. and Math. Phys.* U.S.S.R. Computational Mathematics and Mathematical Physics. (Oxford) (Translation of *Ž. Vyčisl. Mat. i Mat. Fiz.*)
- Überblicke Math.* Überblicke Mathematik. (Mannheim)
- Učen. Zap. Borisoglebsk. Gos. Ped. Inst.* Ministerstvo Prosvěščenija RSFSR. Učenyje Zapiski. Borisoglebskogo Gosudarstvennogo Pedagogičeskogo Instituta. (Borisoglebsk)

ABBREVIATIONS OF NAMES OF JOURNALS

- Učen. Zap. Karel. Ped. Inst. Ser. Fiz.-Mat. Nauk.* Ministerstvo Prosvetsheniya RSFSR. Karel'skii Pedagogicheskii Institut. Uchenye Zapiski. Seriya Fiziko-Matematicheskii Nauk. (Petrozavodsk)
- **UIT Rep.* UIT Report. Ulsan Institute of Technology. (Ulsan) See WIT Rep.
- Ukrain. Fiz. Zh.* Akademiya Nauk Ukrainy RSR. Viddil Fiziki. Ukrain'skii Fizicheskii Zhurnal. (Kiev) (Ukrainian edition)
- Ukrain. Fiz. Zh.* Akademiya Nauk Ukrainy SSR. Otdelenie Fiziki. Ukrain'skii Fizicheskii Zhurnal. (Kiev) (Russian edition)
- Ukrain. Geometr. Sb.* Ministerstvo Vyshego i Srednego Special'nogo Obrazovaniya USSR. Ukrain'skii Geometricheskii Sbornik. (Khar'kov)
- Ukrain. Mat. Zh.* Akademiya Nauk Ukrainy SSR. Institut Matematiki. Ukrain'skii Matematicheskii Zhurnal. (Kiev) (Translated as: *Ukrainian Math. J.*)
- Ukrainian Math. J.* Ukrainian Mathematical Journal. (New York) (Translation of *Ukrain. Mat. Zh.*)
- Ul'janovsk. Gos. Ped. Inst. Učen. Zap.* Ul'janovskii Gosudarstvennyi Pedagogicheskii Institut imeni I. N. Ul'janova. Uchenye Zapiski. (Saratov)
- Univ. Allahabad Studies.* University of Allahabad Studies. (Allahabad)
- Univ. Beograd. Publ. Elektrotehn. Fak. Ser. Mat. Fiz.* Univerzitet u Beogradu. Publikacije Elektrotehničkog Fakulteta. Seriya Matematika i Fizika. (Belgrade)
- Univ. Beograd. Zb. Radova Građevin. Fak.* Univerzitet u Beogradu. Zbornik Radova Građevinskog Fakulteta u Beogradu. (Belgrade)
- Univ. Central Venezuela Bol. Fac. Ing.* Universidad Central de Venezuela. Boletín de la Facultad de Ingeniería. (Caracas)
- Univ. e Politec. Torino Rend. Sem. Mat.* Università e Politecnico di Torino. Rendiconti del Seminario Matematico (già "Conferenze di Fisica e di Matematica"). (Turin)
- Univ. Genova Pubbl. Ist. Mat.* Università di Genova Pubblicazioni dell'Istituto di Matematica. (Genova)
- Univ. Habana.* Universidad de la Habana. (Havana)
- Univ. Lisboa Revista Fac. Ci. A.* Universidade de Lisboa. Revista da Faculdade de Ciências. 2.ª Série. A. Ciências Matemáticas. (Lisbon)
- Univ. Madrid Publ. Sec. Mat. Fac. Ci.* Universidad de Madrid. Publicaciones de la Sección de Matemática de la Facultad de Ciencias. (Madrid)
- Univ. Nac. Ingen. Inst. Mat. Puras Apl. Notas Mat.* Universidad Nacional de Ingeniería. Instituto de Matemáticas Puras y Aplicadas. Notas de Matemáticas. (Lima)
- Univ. Nac. La Plata Publ. Fac. Ci. Fisicomat. Serie Segunda Rev. (or Contrib.)* Universidad Nacional de La Plata. Publicaciones de la Facultad de Ciencias Fisicomatemáticas. Serie Segunda. Revista (or Contribuciones). (La Plata)
- Univ. Nac. La Plata Publ. Fac. Ci. Fisicomat. Serie Tercera Publ. Esp.* Universidad Nacional de La Plata. Publicaciones de la Facultad de Ciencias Fisicomatemáticas. Serie Tercera. Publicaciones Especiales. (La Plata)
- Univ. Nac. Tucumán Rev. Ser. A.* Universidad Nacional de Tucumán. Facultad de Ciencias Exactas y Tecnología. Revista. Serie A. Matemáticas y Física Teórica. (Tucumán)
- **Univ. Palermo Ann. Fac. Econom. e Commercio.* Università di Palermo. Annali della Facoltà di Economia e Commercio. (Palermo)
- Univ. Repúb. Fac. Ingen. Agrimens. Montevideo Publ. Inst. Mat. Estadist.* Universidad de la República. Facultad de Ingeniería y Agrimensura. Montevideo-Uruguay. Publicaciones del Instituto de Matemática y Estadística. (Montevideo)
- Univ. Roorkee Res. J.* University of Roorkee. Research Journal. (Roorkee)
- **Univ. u Novom Sadu Zb. Rad. Prirod.-Mat. Fak.* Univerzitet u Novom Sadu. Zbornik Radova Prirodno-Matematičkog Fakulteta. (Novi Sad) (Formerly: *Godišnjak Filozof. Fak. u Novom Sadu*)
- Univ. Adama Mickiewicza w Poznaniu. Prace Wydz. Mat. Fiz. Chem. Ser. Mat.* Uniwersytet im. Adama Mickiewicza w Poznaniu. Prace Wydziału Matematyki, Fizyki i Chemii. Seria Matematyka. (Poznań)
- **Univ. Śląski w Katowicach—Prace Mat.* Uniwersytet Śląski w Katowicach. Prace Matematyczne. (Katowice) (Formerly: *Wyż. Szkol. Ped. w Katowicach—Zeszyty Nauk. Sekc. Mat.*)
- Unternehmensforschung.* Unternehmensforschung. Operations Research—Recherche Opérationnelle. (Würzburg) (Continued as: *Z. Operations Res. Ser. A-B*)
- Ural. Gos. Univ. Mat. Zap.* Ministerstvo Vyshego i Srednego Special'nogo Obrazovaniya RSFSR. Ural'skii Gosudarstvennyi Universitet im. A. M. Gor'kogo. Ural'skoe Matematicheskoe Obščestvo. Matematicheskie Zapiski. (Sverdlovsk)
- Ural. Politehn. Inst. Sb.* Ministerstvo Prosvetsheniya RSFSR. Ural'skii Politehnicheskii Institut im. S. M. Kirova. Sbornik. (Sverdlovsk)
- Uspehi Mat. Nauk.* Akademiya Nauk SSSR i Moskovskoe Matematicheskoe Obščestvo. Uspehi Matematicheskii Nauk. (Moscow-Leningrad) (Selected articles translated as: *Russian Math. Surveys*)
- **Utilitas Math.* Utilitas Mathematica. A Canadian Journal of Applied Mathematics, Computer Science, and Statistics. (Winnipeg)
- Užgorod. Gos. Univ. Naučn. Zap. MVO USSR.* Užgorodskii Gosudarstvennyi Universitet. Naučnye Zapiski. (Lvov)
- V. I. Lenin. Sakharth. Politekh. Inst. Šrom.* V. I. Leninis Saĥelobis Šromis Citheli Drošis Ordenoani Sakharthvelos Politehnikuri Instituti. Šromobi. (Tbilisi) (Formerly listed as: *Gruzian. Politehn. Inst. Trudy*)
- Verh. Konink. Vlaamse Acad. Wetensch. Lett. Schone Kunst. België Kl. Wetensch.* Verhandlungen van de Koninklijke Vlaamse Academie voor Wetenschappen, Letteren en Schone Kunsten van België. Klasse der Wetenschappen. (Brussels)
- Vesci Akad. Navuk BSSR Ser. Fiz.-Mat. Navuk.* Vesci Akademii Navuk BSSR. Seriya Fizika-matematyčnyh Navuk. (Minsk)
- Vestnik Akad. Nauk Kazah. SSR.* Vestnik Akademii Nauk Kazahskoi SSR. (Alma-Ata)
- Vestnik Har'kov. Gos. Univ.* Ministerstvo Vyshego i Srednego Special'nogo Obrazovaniya USSR. Vestnik Har'kovskogo Gosudarstvennogo Universiteta. Seriya Mehaniko-Matematicheskaja. Zapiski Mehaniko-Matematicheskogo Fakulteta i Har'kovskogo Matematicheskogo Obščestva. (Kharkov)
- **Vestnik Har'kov. Politehn. Inst.* Ministerstvo Vyshego i Srednego Special'nogo Obrazovaniya USSR. Vestnik Har'kovskogo Politehnicheskogo Instituta. (Kharkov)
- Vestnik Leningrad. Univ.* Vestnik Leningradskogo Universiteta. (Leningrad)
- Vestnik Moskov. Univ. Ser. I Mat. Meh.* Vestnik Moskovskogo Universiteta. Seriya I. Matematika, Mehanika. (Moscow)
- Vestnik Moskov. Univ. Ser. III Fiz. Astronom.* Vestnik Moskovskogo Universiteta. Seriya III. Fizika, Astronomiya. (Moscow) (Translated as: *Moscow Univ. Phys. Bull.*)
- Vidya.* Vidya (Knowledge). The Journal of the Gujarat University. (Ahmedabad)
- Vierteljahr. Naturforsch. Gesellsch. Zürich.* Vierteljahrsschrift der Naturforschenden Gesellschaft in Zürich. (Zürich)
- Việt Nam Dân Chủ Cộng Hòa Ủy Ban Khoa Học Nhà Nước.* See *Acta Sci. Vietnam.*
- Vijnana Parishad Anusandhan Patrika.* Vijnana Parishad Anusandhan Patrika [The Research Journal of the Hindu Science Academy]. (Allahabad)
- Vikram—Quart. Res. J. Vikram Univ.* The Vikram. Quarterly Research Journal of Vikram University. (Ujjain)

ABBREVIATIONS OF NAMES OF JOURNALS

Visnik K'iev. Univ. *Visnik K'ievs'kogo Universitetu.* (Kiev)

Visnik L'viv. Derl. Univ. Ser. Meh.-Mat. Ministerstvo Viko i Serednoi Special'noi Osviti URSS. *Visnik L'viv'skogo Ordena Lenina Derl'avnogo Universitetu im. Ivana Franka. Serija Mehaniko-Matematična.* (Lvov)

Visnik L'viv. Politehn. Inst. *Visnik L'viv'skogo Politehn'čnogo Institutu.* (Lvov)

**Vis' Ped. Inst. Plovdiv Naučn. Trud.* *Vis' Pedagogičeski Institut Plovdiv. Naučni Trudove.* (Plovdiv)

Volgograd. Gos. Ped. Inst. Učen. Zap. Ministerstvo Prosveščeniya RSFSR. *Volgogradskogo Gosudarstvennogo Pedagogičeskogo Instituta im. A. S. Serafimoviča Učnye Zapiski.* (Volgograd)

Vologod. Gos. Ped. Inst. Učen. Zap. *Vologodskii Gosudarstvennyi Pedagogičeskii Institut. Učnye Zapiski.* (Vologda) (May also appear as: *Vologod. Gos. Ped. Inst. Učen. Zap.*)

Vologod. i Čerepovec. Gos. Ped. Inst. Učen. Zap. *Vologodskii Gosudarstvennyi Pedagogičeskii Institut. Čerepoveckii Gosudarstvennyi Pedagogičeskii Institut. Učnye Zapiski.* (Vologda) (May also appear as: *Vologod. Gos. Ped. Inst. Učen. Zap.*)

Voll. Mat. Sb. Ministerstvo Prosveščeniya RSFSR. *Kuibyševskii Gosudarstvennyi Pedagogičeskii Institut imeni V. V. Kuibyševa. Volžskii Matematičeskii Sbornik.* (Kuibyšev)

Voprosy Ist. Estestvozn. i Tehn. *Akademiya Nauk SSSR. Voprosy Istarii Estestvoznaniya i Tehniki.* (Moscow)

Voprosy Kibernet. Vyčisl. Mat. *Akademiya Nauk Uzbekskoi SSR. Institut Kibernetiki i Vyčislitel'nykh Centrom. Voprosy Kibernetiki i Vyčislitel'noi Matematiki.* (Tashkent)

Voprosy Kosmog. Akademiya Nauk SSSR. Voprosy Kosmogonii. (Moscow)

Voronež. Gos. Univ. Trudy Sem. Funkcional. Anal. Ministerstvo Vysshego Obrazovaniya SSSR. *Voronežskii Gosudarstvennyi Universitet. Trudy Seminara po Funkcional'nomu Analizu.* (Voronezh)

Voronež. Tehn. Inst. Trudy. *Voronežskii Tehnologičeskii Institut. Trudy.* (Voronezh)

Vyčisl. Prikl. Mat. (Kiev). *Kievskii Gosudarstvennyi Universitet. Mežvedomstvennyi Naučnyi Sbornik. Vyčislitel'naja i Prikladnaja Matematika.* (Kiev)

Vyčisl. Sistemy. *Akademiya Nauk SSSR. Sibirskoe Otdelenie. Institut Matematiki. Vyčislitel'nye Sistemy. Sbornik Trudov.* (Novosibirsk)

Vyčisl. Tehn. Voprosy Programm. *Leningradskii Ordena Lenina Gosudarstvennyi Universitet imeni A. A. Ždanova. Kafedra Vyčislitel'noi Matematiki i Vyčislitel'nyi Centr. Vyčislitel'naja Tehnika i Voprosy Programirovaniya.* (Leningrad)

Wiadom. Mat. Roczniki Polskiego Towarzystwa Matematycznego. Ser. II. Wiadomości Matematyczne. (Warsaw)

Wiss. Beiträge Martin-Luther-Univ. Halle-Wittenberg. *Wissenschaftliche Beiträge der Martin-Luther-Universität Halle-Wittenberg.* (Halle-Wittenberg)

Wiss. Z. Ernst-Moritz-Arndt-Univ. Greifswald Math.-Natur. Reihe *Wissenschaftliche Zeitschrift der Ernst-Moritz-Arndt-Universität Greifswald. Mathematisch-Naturwissenschaftliche Reihe.* (Greifswald)

Wiss. Z. Friedrich-Schiller-Univ. Jena/Thüringen. *Wissenschaftliche Zeitschrift der Friedrich-Schiller-Universität Jena/Thüringen.* (Jena/Thüringen)

Wiss. Z. Hochsch. Verkehrswesen "Friedrich List" Dresden. *Wissenschaftliche Zeitschrift der Hochschule für Verkehrswesen "Friedrich List" in Dresden. Die Anwendung mathematischer Methoden im Transport- und Nachrichtenwesen.* (Dresden)

Wiss. Z. Humboldt-Univ. Berlin Math.-Natur. Reihe. *Wissenschaftliche Zeitschrift der Humboldt-Universität Berlin. Mathematisch-Naturwissenschaftliche Reihe.* (Berlin)

Wiss. Z. Karl-Marx-Univ. Leipzig Math.-Natur. Reihe. *Wissenschaftliche Zeitschrift der Karl-Marx-Universität Leipzig. Mathematisch-Naturwissenschaftliche Reihe.* (Leipzig)

Wiss. Z. Martin-Luther-Univ. Halle-Wittenberg Math.-Natur. Reihe. *Wissenschaftliche Zeitschrift der Martin-Luther-Universität Halle-Wittenberg. Mathematisch-Naturwissenschaftliche Reihe.* (Halle-Wittenberg)

Wiss. Z. Pädagog. Hochsch. Potsdam Math.-Natur. Reihe. *Wissenschaftliche Zeitschrift der Pädagogischen Hochschule Potsdam. Mathematisch-Naturwissenschaftliche Reihe.* (Potsdam)

Wiss. Z. Techn. Hochsch. Chem. Leuna-Merseburg. *Wissenschaftliche Zeitschrift der Technischen Hochschule für Chemie Leuna-Merseburg.* (Leuna-Merseburg)

Wiss. Z. Techn. Hochsch. Ilmenau. *Wissenschaftliche Zeitschrift der Technischen Hochschule Ilmenau.* (Ilmenau)

Wiss. Z. Techn. Hochsch. Karl-Marx-Stadt. *Wissenschaftliche Zeitschrift der Technischen Hochschule Karl-Marx-Stadt.* (Karl-Marx-Stadt)

Wiss. Z. Techn. Univ. Dresden. *Wissenschaftliche Zeitschrift der Technischen Universität Dresden.* (Dresden)

**WIT Rep.* *WIT Report.* *Wulsan Institute of Technology.* (Ulsan) See *UIT Rep.*

Wyt. Szkol. Ped. Krakow. Rocznik Nauk.-Dydakt. Prace Mat. *Wyższa Szkoła Pedagogiczna w Krakowie. Rocznik Naukowo-Dydaktyczny. Prace Matematyczne.* (Kraków)

Wyt. Szkol. Ped. w Katowicach—Zeszyty Nauk. Sekc. Mat. *Wyższa Szkoła Pedagogiczna w Katowicach. Zeszyty Naukowe. Sekcja Matematyki.* (Katowice) (Continued as: *Univ. Śląski w Katowicach—Prace Mat.*)

WZE Wiss. Z. Elektrotech. *WZE Wissenschaftliche Zeitschrift der Elektrotechnik.* (Leipzig)

Yokohama Math. J. *Yokohama Mathematical Journal.* (Yokohama)

Z. Angew. Math. Mech. *Zeitschrift für Angewandte Mathematik und Mechanik. Ingenieurwissenschaftliche Forschungsarbeiten.* (Berlin)

Z. Angew. Math. Phys. *Zeitschrift für Angewandte Mathematik und Physik. ZAMP. Journal of Applied Mathematics and Physics. Journal de Mathématiques et de Physiques Appliquées.* (Basel)

Ž. Eksper. Teoret. Fiz. Akademiya Nauk SSSR. Žurnal Eksperimental'noi i Teoretičeskoi Fiziki. (Moscow) (Translated as: *Soviet Physics JETP*)

Z. Math. Logik Grundlagen Math. *Zeitschrift für Mathematische Logik und Grundlagen der Mathematik.* (Berlin)

Z. Naturforsch. *Zeitschrift für Naturforschung.* (Tübingen)

**Z. Operations Res. Ser. A-B.* *Zeitschrift für Operations Research. Serie A. Serie B. (Würzburg) (Formerly: Unternehmensforschung)*

Z. Phonetik Sprachwiss. Kommunikat. *Zeitschrift für Phonetik Sprachwissenschaft und Kommunikationsforschung.* (Berlin)

Z. Physik. *Zeitschrift für Physik.* (Berlin)

Ž. Prikl. Meh. i Tehn. Fiz. *Žurnal Prikladnoi Mehaniki i Tehničeskoi Fiziki.* (Moscow) (Translated as: *J. Appl. Mech. Tech. Phys.*)

Ž. Vyčisl. Mat. i Mat. Fiz. Akademiya Nauk SSSR. Žurnal Vyčislitel'noi Matematiki i Matematičeskoi Fiziki. (Moscow) (Translated as: *U.S.S.R. Computational Math. and Math. Phys.*)

Z. Wahrscheinlichkeitstheorie und Verw. Gebiete. *Zeitschrift für Wahrscheinlichkeitstheorie und Verwandte Gebiete.* (Berlin)

Zap. Meh.-Mat. Fak. i Har'kov. Mat. Obšč. See Vestnik Har'kov. Gos. Univ.

Zap. Naučn. Sem. Leningrad. Otdel. Mat. Inst. Steklov. (LOMI). *Zapiski Naučnykh Seminarov Leningradskogo Otdelenija Matematičeskogo Instituta im. V. A. Steklova Akademii Nauk SSSR (LOMI).* (Moscow) (Translated as: *Sem. Math. V. A. Steklov Math. Inst. Leningrad*)

Zastos. Mat. Polska Akademia Nauk. Instytut Matematyczny. Zastosowania Matematyki. (Warsaw)

Zbl. Zentralblatt für Mathematik und ihre Grenzgebiete. (Berlin)

Zbl. Math. Zentralblatt für Mathematik und ihre Grenzgebiete (Berlin-Göttingen-Heidelberg) (Usually abbreviated Zbl in the text of Math. Reviews)

ABBREVIATIONS OF NAMES OF JOURNALS

Zeszyty Nauk. Akad. Gór.-Hutniczej—Math.-Fiz.-Chem. Zeszyty Naukowe Akademii Górniczo-Hutniczej im. Stanisława Staszica. Matematyka-Fizyka-Chemia. (Kraków)

Zeszyty Nauk. Mat. Fiz. i Chem. Wyż. Szkol. Ped. Gdańsk. Zeszyty Naukowe Matematyka Fizyka i Chemia. Wyższa Szkoła Pedagogiczna w Gdańsku. Wydział Matematyki, Fizyki i Chemii. (Gdańsk)

Zeszyty Nauk. Politech. Poznań. Zeszyty Naukowe Politechniki Poznańskiej. (Poznań)

**Zeszyty Nauk. Politech. Śląsk. Automat.* Zeszyty Naukowe Politechniki Śląskiej. Automatyka. (Gliwice)

Zeszyty Nauk. Politech. Śląsk. Mat.-Fiz. Zeszyty Naukowe Politechniki Śląskiej-Matematyka-Fizyka. (Gliwice)

Zeszyty Nauk. Politech. Szczecin. Zeszyty Naukowe Politechniki Szczecińskiej. (Szczecin)

Zeszyty Nauk. Uniw. Jagiello. Prace Fiz. Zeszyty Naukowe Uniwersytetu Jagiellońskiego. Prace Fizyczne. (Kraków)

Zeszyty Nauk. Uniw. Jagiello. Prace Mat. Zeszyty Naukowe Uniwersytetu Jagiellońskiego. Prace Matematyczne. (Matematyka, Fizyka, Chemia) (Kraków)

Zeszyty Nauk. Uniw. Jagiello. Prace z Logiki. Zeszyty Naukowe Uniwersytetu Jagiellońskiego. Prace z Logiki. (Kraków)

Zeszyty Nauk. Uniw. Łódzk. Nauki Mat. Przyrod. Ser. II. Zeszyty Naukowe Uniwersytetu Łódzkiego. Nauki Matematyczno-Przyrodnicze. Seria II. (Łódź)

Zeszyty Nauk. Wyż. Szkol. Ped. Opol. Zeszyty Naukowe Wyższej Szkoły Pedagogicznej w Opolu. (Opole)

Zhongguo Kexue Jishu Daxue Xuebao. (Peking) See *J. China Univ. Sci. Techn.*

JOURNALS IN TRANSLATION

- Acta Mech. Sinica* (New York). *Acta Mechanica Sinica*. (New York) (Translation of *Acta Mech. Sinica* (Peking))
- Algebra and Logic*. *Algebra and Logic*. (New York) (Translation of *Algebra i Logika*)
- Astrophysics*. *Astrophysics*. (A translation of *Astrofizika* of the Academy of Sciences of the Armenian SSR). (New York) (Translation of *Astrofizika*)
- Automat. Control*. *Automatic Control*. (A translation of *Avtomatika i Vychislitel'naja Tehnika*). (New York) (Translation of *Avtomat. i Vychisl. Tehn.*)
- Automat. Remote Control*. *Automation and Remote Control*. (A translation of *Avtomatika i Telemechanika*, a publication of the Academy of Sciences of the USSR). (Pittsburgh, Pa.) (Translation of *Avtomat. i Telemech.*)
- Chinese J. Phys.* (Peking). *Chinese Journal of Physics* (Peking). (A translation of *Acta Physica Sinica* of the Chinese Academy of Sciences, Peking). (New York) (Translation of *Acta Phys. Sinica*)
- Chinese Math.*—*Acta*. *Chinese Mathematics*. Translation of *Acta Mathematica Sinica*. (Providence, R.I.) (Translation of *Acta Math. Sinica*)
- Cybernetics*. *Cybernetics*. (New York) (A translation of *Kibernetika* (Kiev))
- Differential Equations*. *Differential Equations*. (New York) (Translation of *Differentsial'nye Uravneniya*)
- Electron. Commun. Japan*. *Electronics and Communications in Japan*. The Transactions of the Institute of Electronics and Communication Engineers of Japan. (New York) (Translation of *Denshi Tsushin Gakkai Ronbunshi*)
- Engng. Cybernetics*. *Engineering Cybernetics*. English Edition of *Tekhnicheskaja Kibernetika*. (New York) (Translation of *Izv. Akad. Nauk SSSR Tehn. Kibernet.*)
- Fluid Dynamics*. *Fluid Dynamics*. (New York) (Translation of *Izv. Akad. Nauk SSSR Ser. Meh. Zhidk. Gaza*)
- Functional Anal. Appl.* *Functional Analysis and its Applications*. (New York) (Translation of *Funktsional. Anal. i Prilozhen.*)
- Geodes. and Aerophot.* *Geodesy and Aerophotography*. (Washington, D.C.) (Translation of *Izv. Vysš. Učebn. Zaved. Geod. i Aerofot.*)
- Isv. Acad. Sci. USSR Atmospher. Ocean. Phys.* *Izvestiya Academy of Sciences USSR. Atmospheric and Oceanic Physics*. (Washington, D.C.) (Translation of *Izv. Akad. Nauk SSSR Ser. Fiz. Atmosf. i Okeana*)
- Isv. Acad. Sci. USSR Phys. Solid Earth*. *Izvestiya Academy of Sciences USSR. Physics of the Solid Earth*. (Washington, D.C.) (Translation of *Izv. Akad. Nauk SSSR Ser. Fiz. Zemli*)
- J. Appl. Math. Mech.* *Journal of Applied Mathematics and Mechanics*. (Translation of the Soviet journal *Prikladnaja Matematika i Mehanika*). (New York) (Translation of *Prikl. Mat. Meh.*)
- J. Appl. Mech. Tech. Phys.* *Journal of Applied Mechanics and Technical Physics*. (New York) (Translation of *Ž. Prikl. Meh. i Tehn. Fiz.*)
- Magnetohydrodynamics*. *Magnetohydrodynamics*. (A translation of *Magnitnaya Gidrodinamika* of the Academy of Sciences of the Latvian SSR). (New York) (Translation of *Magnit. Gidrodinamika*)
- Math. Notes*. *Mathematical Notes of the Academy of Sciences of the USSR*. (New York) (Translation of *Mat. Zametki*)
- Math. USSR-Izv.* *Mathematics of the USSR-Izvestija*. (Providence, R.I.) (Translation of *Izv. Akad. Nauk SSSR Ser. Mat.*)
- Math. USSR-Sb.* *Mathematics of the USSR-Sbornik*. (Providence, R.I.) (Translation of *Mat. Sb.*)
- Mechanics of Solids*. *Mechanics of Solids*. (New York) (Translation of *Inf. Ž. Meh. Tverd. Tela*)
- Moscow Univ. Phys. Bull.* *Moscow University Physics Bulletin*. (New York) (Translation of *Vestnik Moskov. Univ. Ser. III Fiz. Astronom.*)
- Probleme der Kybernetik*. *Probleme der Kybernetik*. (Berlin) (Translation of *Problemy Kibernet.*)
- Problems of Information Transmission*. *Problems of information Transmission*. (New York) (Translation of *Problemy Peredaci Informacii*)
- Proc. Steklov Inst. Math.* *Proceedings of the Steklov Institute of Mathematics*. (Providence, R.I.) (Translation of *Trudy Mat. Inst. Steklov.*)
- Proc. (Trudy) P. N. Lebedev Phys. Inst.* *Proceedings (Trudy) of the P. N. Lebedev Physics Institute*. (New York/London) (Translation of *Trudy Fiz. Inst. Lebedev.*)
- Radio Engng. Electron. Phys.* *Radio Engineering and Electronic Physics*. (Translation of *Radiotekhnika i Elektronika*, a U.S.S.R. Academy of Sciences Publication). (New York) (Translation of *Radiotekhn. i Elektron.*)
- Radiophys. and Quantum Electronics*. *Radiophysics and Quantum Electronics*. (A translation of *Izvestija Vysših Učebnyh Zavedenij Radiofizika* of the Ministry of Higher Education of the USSR). (New York) (Translation of *Izv. Vysš. Učebn. Zaved. Radiofizika*)
- Russian Math. Surveys*. *Russian Mathematical Surveys*. (A translation of the survey articles and of selected biographical articles in *Uspehi Matematičeskikh Nauk*). (London) (Translation of *Uspehi Mat. Nauk*)
- Sem. Math. V. A. Steklov Math. Inst. Leningrad*. *Seminars in Mathematics V. A. Steklov Mathematical Institute Leningrad*. (New York) (Translation of *Zap. Nauchn. Sem. Leningrad. Otdel. Mat. Inst. Steklov. (LOMI)*)
- Siberian Math. J.* *Siberian Mathematical Journal*. (New York) (Translation of *Sibirsk. Mat. Ž.*)
- Soviet Aeronaut.* *Soviet Aeronautics*. (New York) (Translation of *Izv. Vysš. Učebn. Zaved. Aviacion. Tehn.*)
- Soviet Appl. Mech.* *Soviet Applied Mechanics*. (New York) (Translation of *Prikladna. Meh.*)
- Soviet Astronom. AJ.* *Soviet Astronomy. AJ.* (A translation of *Astronomičeskij Žurnal*, the astronomical journal of the Academy of Sciences of the USSR). (New York) (Translation of *Astronom. Ž.*)
- Soviet Automat. Control*. *Soviet Automatic Control*. (New York) (Translation of *Avtomatika*)
- Soviet J. Nuclear Phys.* *American Institute of Physics. Soviet Journal of Nuclear Physics*. (New York) (Translation of *Jadernaja Fiz.*)
- Soviet Math. Dokl.* *Soviet Mathematics. Doklady*. (A translation of the mathematics section of *Doklady Akademii Nauk SSSR*). (Providence, R.I.) (Translation of mathematics section of *Dokl. Akad. Nauk SSSR*)
- Soviet Physics Acoust.* *Soviet Physics. Acoustics*. (A translation of *Akustičeskij Žurnal* of the Academy of Sciences of the USSR). (New York) (Translation of *Akust. Ž.*)
- Soviet Physics Dokl.* *Soviet Physics. Doklady*. (A translation of the physics sections of *Doklady Akademii Nauk SSSR*). (New York) (Translation of physics sections of *Dokl. Akad. Nauk SSSR*)
- Soviet Physics J.* *Soviet Physics Journal*. (New York) (Translation of *Izv. Vysš. Učebn. Zaved. Fizika*)
- Soviet Physics JETP*. *Soviet Physics. JETP*. (A translation of *Ž. Eksperimental'noi i Teoretičeskoj Fiziki* of the USSR). (New York) (Translation of *Ž. Eksp. Teoret. Fiz.*)
- Systems Theory Res.* *Systems Theory Research*. (New York) (Translation of *Problemy Kibernet.*)
- Theor. Probability Appl.* *Theory of Probability and its Applications*. (An English translation of the Soviet journal *Teorija Veroyatnostei i ee Primenenija*). (Philadelphia, Pa.) (Translation of *Teor. Veroyatnost. i Primenen.*)
- Trans. Moscow Math. Soc.* *Transactions of the Moscow Mathematical Society*. (Providence, R.I.) (Translation of *Trudy Moskov. Mat. Obšč.*)
- U.S.S.R. Computational Math. and Math. Phys.* *U.S.S.R. Computational Mathematics and Mathematical Physics*. (Oxford) (Translation of *Ž. Vyšisl. Mat. i Mat. Fiz.*)
- Ukrainian Math. J.* *Ukrainian Mathematical Journal*. (New York) (Translation of *Ukrain. Mat. Ž.*)

ERRATA AND ADDENDA

VOLUME 23

#A1570: Holzer, Ludwig

The reference cited on the first line has an incorrect MR number. It should be MR **23** #A827.

#B1625: Genuys, M. F.; Poyen, J.; Vauquois, M. B.

The entire review should be replaced by the following one.

Naur, P. (Editor)

B1625

Rapport sur le langage algorithmique ALGOL 60.
(English, German and Russian summaries)

Translated from the English by M. F. Genuys, J. Poyen and M. B. Vauquois.

Chiffres **3** (1960), 1-44.

This is a translation from the English of an article originally appearing in Numer. Math. **2** (1960), 106-136; published also as Acta Polytech. Scandinav. No. 284 (1960), 40 pp. [MR **23** #B3107].

Index for Volume 23B

On page 572 delete the joint entry for M. F. Genuys, J. Poyen and M. B. Vauquois referring to item B1625. On page 593 delete the entry for J. Poyen. On page 603 delete the entry for M. B. Vauquois. On page 589 make a new entry as follows: Naur, P. B1625: (Editor) Rapport sur le langage algorithmique ALGOL 60.

VOLUME 29

#6763: Lakshmana Rao, S. K.

After the author's name add "[Rao, S. K. Lakshmana]".

Index for Volume 29

On page 1358 change the entry for S. K. Lakshmana Rao to read "See Rao, S. K. Lakshmana" and transfer item 6763 to the entry on page 1382 reading Rao, S. K. Lakshmana.

VOLUME 32

#1388: Lakshmana Rao, S. K.

After the author's name add "[Rao, S. K. Lakshmana]".

Index for Volume 32

On page 1650 change the entry for S. K. Lakshmana Rao to read "See Rao, S. K. Lakshmana" and transfer item 1388 to the entry on page 1682 reading Rao, S. K. Lakshmana.

VOLUME 34

#6254: Pitts, C. G. C.

The correct title should be "Simplified asymptotic approximations to solutions of a second-order differential equation".

Index for Volume 34

On page 1712 under Pitts, C. G. C. item 6254 change the entry to read "Simplified asymptotic approximations to solutions of a second-order differential equation".

#7492: Levin, B. V.; Tuljaganova, M. I.

The reference given to the first author has an incorrect MR number. It should be MR **30** #1991.

VOLUME 39

Index for Volume 39

On page 1467, item 7756 has been incorrectly attributed to John R. Durbin. It should be transferred to a new entry for J. Durbin.

VOLUME 40

#3252: Choquet, Gustave

The price given in the heading should be changed to \$17.50 each hardbound and \$7.95 each paperbound.

#3253: Choquet, Gustave

The price given in the heading should be changed to \$17.50 each hardbound and \$7.95 each paperbound.

#3254: Choquet, Gustave

The price given in the heading should be changed to \$17.50 each hardbound and \$7.95 each paperbound.

#4383: Levičs, E.

The reviewer wishes to make the following addition to his review. In the Zbl review of this paper [Zbl **215**,

VOLUME 40 cont.

101] D. S. Passman expresses his doubts whether the theorem stated by the author is true. As a matter of fact, the author states three lemmas without proof or reference. It would be desirable to have a more detailed article with complete proofs.

#5157: Keda, N. P.

The beginning of the last sentence should read "Convergence of order 1.5".

VOLUME 41

#8723: Bajpai, S. D.

The reviewer's remark at the end of the review should be deleted.

#9651: Kiyasu, Zen'iti; Akira, Muraoka

The first author's name should be written Kiyasu-Zen'iti.

Index for Volume 41

On page 1847 change Kiyasu, Zen'iti to Kiyasu-Zen'iti.

VOLUME 42

#2529: McCabe, B. J.; Shep, L. A.

The name of the second author is misspelled. It should be L. A. Shepp.

#7818: Elliot, Robert J.

The author's name is misspelled. It should be Robert J. Elliott.

#3321: Shah, Manilal

It should have been pointed out that the article under review is essentially identical to another article by the author [Labdev—J. Sci. Tech. Part A 6 (1968), 183-190; MR 40 #412].

#8746: Ahmed Aly Kamel

The author's name has been incorrectly printed. The surname is Kamel.

#4845: Martinjuk, D. I.; Fodčuk, V. I.

In the first line of the review, replace " $d^n x(t)/dt^n$ " by " $d^n x(t)/dt^n$ ".

#8804: Seetharanan, M.; Jayaraman, J.; Mathews, P. M.

After the name of the first author add "[Seetharaman, M.]".

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On page 1648 delete the entry for Ahmed Aly Kamel and transfer item 8746 to the entry on page 1705 reading Kamel, Ahmed Aly. On page 1677 delete the entry for Robert J. Elliot and transfer item 7818 to the entry for Robert J. Elliott. On page 1716 delete the entry for Mihályffy László and transfer item 5610 to a new entry on page 1728 for László Mihályffy. Also on page 1728 change the entry for L. Mihályffy to read "See Mihályffy, László". On page 1705 a paper by Per W. Karlsson is incorrectly listed as a joint paper with L. A. Karlovitz. This item, 2734, should be removed from the entry for L. A. Karlovitz and transferred to a new entry for Per W. Karlsson. On page 1758 change the entry for M. Seetharanan to read "See Seetharaman, M." and transfer item 8804 to a new entry for M. Seetharaman.

#5610: László, Mihályffy

The author's name has been incorrectly printed. The surname is Mihályffy.

#7463: Ginguay, Michel

In the third line of the heading, after "Éditeurs," add "Paris,".

#7703: Losey, Gerald

Professor I. N. Herstein has kindly pointed out to the reviewer that there is an error in the review. It is incorrect that the finiteness of the group algebras in question has been established, as the review would imply. The problem is still open at the time of writing.

VOLUME 43

#511: Mikljukov, V. M.

In the first sentence of the second paragraph replace "Bolzano-Weierstrass" by "Casorati-Weierstrass".

#790: Locher, Franz; Zeller, Karl

The number of this review should be added to the list of cross references under Numerical Methods on page 256.

#790: Locher, Franz; Zeller, Karl

The reviewer wishes to make the following addition to his review. The authors' theorem states divergence for quadratures (of the considered type), if the two nodes x_0 and x_1 at the end of the interval satisfy $(x_0 - x_1) \geq ((c \log n)/n)^2$ with $c > 2/r$, $r = (1/8)\sqrt{(3/2)}$. (This result is almost sharp.)

#1161: Keesling, James

The reviewer wishes to make the following addition to his review. "The function space result referred to above should be compared with results of R. Ellis, Duke Math. J. 24 (1957), 119-125 [MR 19, 561]. Ellis uses the topology of pointwise convergence for $G(X)$, which topology is equal to the compact-open topology in the circumstances of these two papers."

VOLUME 43 *cont.*

#1328: Vajda, Igor

In the first line of the last paragraph change " $L_1(V) = \frac{1}{2}V^2 + 1/36 - V^4$ " to " $L_1(V) = \frac{1}{2}V^2 + (1/36)V^4$ ".

#1852: Heuchenne, C.

It should have been noted that this article is the same as one reviewed earlier [Bull. Soc. Roy. Sci. Liège **39** (1970), fasc. 3-4, 118-130; MR **42** #1672].

#1920: Čudnovskii, G. V.

In line 7 change "Pell's differential equation" to "Pell's diophantine equation".

#2448: Adasch, N.

The reviewer points out that the second sentence of the third paragraph of the review should be deleted.

#2928: Nikolov, A. V.

In the title, change "The Casimir operator" to "Casimir operators".

#4089: Bikelis, A.; Moderudi, I.

After the name of the second author add "[Mogyoródi, József]".

#4422: Misra, R. M.; Bhushan Pandey, Deo

The name of the second author was incorrectly printed. The surname is Pandey.

#4616: Aleksandrov, P. S.; Višik, M. I.; Kolmogorov, A. N.; Oleinik, O. A.; Tihonov, A. N.

In the title, change Georgevič to Georgievič.

#4836: Gibson, P. M.

The first sentence of the review should read: "Let $A = (a_{ij})$ and $B = (b_{ij})$ be n -square matrices such that A is a $(0, 1)$ matrix and B is a $(0, 1, -1)$ matrix such that $b_{ij} = \varepsilon_{ij} a_{ij} \dots$ ".

#4879: Gómez Pardo, J. L.

The name of this series is incorrectly spelled. Replace "Algebra" by "Alxebra".

#5569: Muštari, D. H.

In the last line of the review the following reference to J. Bretagnolle and D. Dacunha-Castelle should be added: [Annales Sci. l'École Norm. Sup. (4) **2** (1969), 437-480; MR **42** #839].

#5712: Ezawa, Hiroshi; Nakamura, Koichi [Nakamura, Ki-ichi]; Yamamoto, Yoshitaka

Remove the bracketed name following the name of the second author.

#6284: Montero López, M.

The name of this series is incorrectly spelled. Replace "Algebra" by "Alxebra".

#6865: Wyler, Oswald

In the third line of the review replace $\{X^*: X \subset E\}$ by $\{X^*: X \text{ is open in } E\}$.

#7315: Alas, O. T.

In the fifth line of the review change "He proves" to "She proves".

#8405: Ivakhnenko, A. G. [Ivancho, O. G.]; Koppa, Ju. G.; Wu Suan Min

The bracketed form of the first author's name should be changed to O. G. Īvahnenko.

Index for Volume 43

In the entry for R. Balescu on page 1539 change the title of item 5851 to read "Projection operators in non-equilibrium statistical mechanics". On page 1543 the entry for Deo Bhushan Pandey should be changed to read "See Pandey, Deo Bhushan" and item 4422 should be transferred to the entry on page 1618 reading Pandey, Deo Bhushan. On page 1582 delete the entry for O. G. Ivancho and transfer item 8405 to a new entry for O. G. Īvahnenko on page 1581. On page 1609 change the entry for I. Moderudi to read "See Mogyoródi, József" and transfer item 4089 to a new entry for József Mogyoródi. On page 1612 delete the entry for Ki-ichi Nakamura and transfer item 5712 to the entry for Koichi Nakamura.

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#43: Bloom, S. L.; Brown, D. J.; Suszko, R.

These results were previously announced in a note in Bull. Acad. Polon. Sci. Sér. Sci. Math. Astronom. Phys. **18** (1970), 109-110 [MR **42** #7487].

#238: Elman, Richard; Lam, T. Y.

The reference cited in the last two lines is incorrect. Details of the article are to appear in the Journal of Algebra.

#276: Caruncho Castro, J. R.

The name of this series is incorrectly spelled. Replace "Algebra" by "Alxebra".

#544: Valeev, K. G.

The author's surname should be spelled Valēev.

#560: Valeev, K. G.

The author's surname should be spelled Valēev.

#564: Valeev, K. G.; Razin, G. O.

The surname of the first author should be spelled Valēev.

#777: Perepečai, I. I.

The author's initials should be written Ī. Ī.

#1170: Cavassilas, Jean-François

Delete the review as printed and replace by the following

VOLUME 44 cont.

author's summary: "Nous présentons une méthode de lissage dans le cadre de la théorie de Bucy-Kalman. Elle peut remplacer avantageusement l'intégration statistique, lorsque le nombre d'échantillons pris en considération est très réduit."

#2624: Clements, G. F.

In the heading, replace "(1971)" by "(1971/72)".

#2633: Hering, Christoph

In line 4, replace $x \neq Y$ by $X \neq Y$.

#2758: Damerell, R. M.

In the second line from the bottom of the first column, replace $L_{\frac{1}{2}}(\frac{1}{2}) \cdot \alpha = \tau(\mathcal{C})$ by $L_{\frac{1}{2}}(\frac{1}{2}) \cdot \alpha = \tau(\mathcal{C})$.

#2804: R-Grandjeán L-Valcárcel, A.

The name of this series is incorrectly spelled. Replace "Algebra" by "Algebra".

#3885: Bender, Edward A.

In the heading, replace "(1971)" by "(1971/72)".

#3903: Bondy, J. A.

In the heading, replace "(1971)" by "(1971/72)".

#3972: Newman, Morris

In line 3 from the bottom replace $=n_1 > n_{1+1}$ by $=n_1 > n_{1+1}$.

#3974: Pulatova, M. I.

In line 1 change "period I" to "period 1".

p. 753: Brânzei, Mirela

The review number is 4064 not 4065.

p. 753: Calenko, M. Š.

The review number is 4065 not 4064.

#4151: Korányi, Adam; Vági, István

After the name of the second author add "[Vági, Stephen]".

#4401: Valeev, K. G.; Rakitskiĭ, Ju. V.

The surname of the first author should be spelled Valčëv.

#4418: Valeev, K. G.

The author's surname should be spelled Valčëv.

#5271: Adler, A.

In lines 4 and 5 replace a by a .

#5280: Christol, Gilles

In line 5 change K^N to K^N .

#5282: Saparnijazov, O.

In line 5 replace $\sum_{n \leq x} a_n$ by $\sum_{n \leq x} a_n$.

#5286: Tuljaganova, M. I.

In line 3 from the bottom of the review replace $\sigma \rightarrow 1 + o$ by $\sigma \rightarrow 1 + 0$.

#5290: Sivaramakrishna, Anantharaman

This review was incorrectly included in the section on number theory. It should have been the last review in the section on algebraic geometry.

#5435: Gacs, F.

The last two lines of the review should be modified to read "... was proved by these authors for $\zeta = 1$ and by G. Schmeisser [Math. Z. 111 (1969), 121-125; MR 41 #8637] for $2 \leq n \leq 4$ and for some other cases. In the present paper the same is proved for $n = 5$ and a new conjecture is stated that p' has at least one zero in $|z - \zeta/2| \leq \rho$, where $(\rho + a)^n - (\rho - a)^n = 2a$, $a = |\zeta|/2$ ".

#5948: Gordon, C. McA.

A correction in the article, made at the proof stage, means that the last sentence of the review should be deleted.

#6595: Yalavigi, C. C.

In the first line replace $bU_{n-1} + cU$ by $bU_{n-1} + cU_{n-2}$.

#6704: Lapin, A. I.

In line 6 replace " Γ has at least n rational points" by " Γ has at least n integral points".

#7145: Rogoŭin, V. S.; Danko, S. P.

In the title, change "Newmann problem" to "Neumann problem".

TRANSLITERATION OF CYRILLIC

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А а	a	a	a	a	a	a	a
Б б	b	b	b	b	b	b	b
В в	v	v	v	v	v	v	v
Г г	g	g	g	g	g	g	g
Д д	d	d	d	d	d	d	d
Е е	e	e	e	e	e	e	é
Ё ё	e	ë	e	ë	ë	ë	ë
Ж ж	zh	zh	zh	zh	zh	ž	ž
З з	z	z	z	z	z	z	z
И и	i	i	i	i	i	i	i
Й й	j	j	i	j	j	j	j
К к	k	k	k	k	k	k	k
Л л	l	l	l	l	l	l	l
М м	m	m	m	m	m	m	m
Н н	n	n	n	n	n	n	n
О о	o	o	o	o	o	o	o
П п	p	p	p	p	p	p	p
Р р	r	r	r	r	r	r	r
С с	s	s	s	s	s	s	s
Т т	t	t	t	t	t	t	t
У у	u	u	u	u	u	u	u
Ф ф	f	f	f	f	f	f	f
Х х	h	kh	kh	kh	kh	kh	h
Ц ц	c	c	ts	ts	ts	c	c
Ч ч	č	ch	ch	ch	ch	č	č
Ш ш	š	sh	sh	sh	sh	š	š
Щ щ	šč	shch	shch	shch	shch	šč	šč
Ъ ъ	"				"		
Ы ы	y	y	y	ȳ	y	y	y
Ь ь	'	'		'	'	'	'
Э э	è	e	e	é	é	è	e
Ю ю	ju	ju	yu	yu	iu	ju	ú
Я я	ja	ja	ya	ya	ia	ja	á

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